JVC

SERVICE MANUAL

PDP COLOUR TELEVISION

PD-Z50DX4,
PD-Z50DX4/S

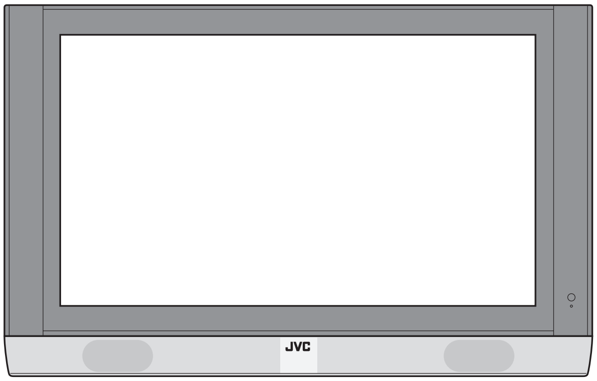
BASIC CHASSIS
FP2

D.I.S.T.
Digital Image Scaling Technology

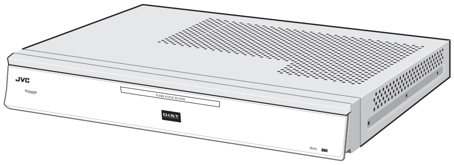
CINEMA SURROUND

BBE

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



VM-Z50DX4, VM-Z50DX4/S
[PLASMA DISPLAY UNIT]



TU-Z50DX4, TU-Z50DX4/S
[RECEIVER UNIT]

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No.YA229
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SPECIFICATION

Items		Contents
Dimensions (W × H × D)	Plasma display unit	135.0cm × 83.6cm × 11.0cm
	Receiver unit	43.5cm × 7.0cm × 31.3cm
Mass	Plasma display unit	51.0kg
	Receiver unit	3.6kg
TV RF System		B, G, I, D, K, K1, M
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K)
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)
Receiving Frequency	VHF Low	46.25MHz - 168.25MHz
	VHF High	175.25MHz - 463.25MHz
	UHF	471.25MHz - 863.25MHz
	CATV	Mid (X - Z+2, S1 - S10) / Super (S11 - S20) / Hyper (S21 - S41) bands
Intermediate Frequency	VIF	38.0MHz (B, G, I, D, K, L)
	SIF	32.26MHz (5.74MHz: B), 32.15MHz (5.85MHz: G), 31.45MHz (6.55MHz: I) 31.75MHz (6.25MHz: D), 32.15MHz (5.85MHz: K)
Colour Sub Carrier	PAL	4.43MHz
	SECAM	4.40625MHz / 4.25MHz
	NTSC	3.58MHz / 4.43MHz
Power Input		AC110V - AC240 V, 50 Hz / 60 Hz
Power Consumption	Plasma display unit	Opearate: 434W, Stand by: 3.3W
	Receiver unit	Opearate: 21W, Stand by: 0.6W
Plasma Display Panel (PDP)		50V wide aspect (16:9)
Screen Size		Diagonal : 127.0cm (H:110.7cm × V : 62.2cm)
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)
Audio Power Output		20W + 20W
Speaker	Main (DD)	9.5cm × 1cm, oval type × 2
	Tweeter	2cm, round type × 2
	Woofer	13cm × 6.5cm, oval type × 2
Aerial Terminal		75Ω unbalanced, coaxial
Video / Audio input [VIDEO-1/2/3/4]	Component Video [VIDEO-1/3]	RCA pin jack × 6
	1125i / 750p	Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω
	625i / 625p / 525p / 525i	Y : 1V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω
	S-Video [VIDEO-1/2/4]	Mini-DIN 4 pin × 3 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω
	Video	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 3
	Audio	500mV (rms), High impedance, RCA pin jack × 6
Digital Input	Video	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal)
	Audio	Digital: HDMI connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2
PC (RGB) Input		D-sub 15pin × 1 R/G/B : 0.7V (p-p), 75Ω HD / VD : 1V (p-p) to 5V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 42.0kHz / Vertical : 60Hz)
Center Channel Input		500mV(rms) (-4dBs), high impedance,RCA pin jack × 1
Monitor Output	Video	1V (p-p), 75Ω, RCA pin jack × 1
	Audio	250mV (rms) (-10dBs), Fs-18dB low impedance, RCA pin jack × 2
Audio Output		RCA pin jack × 2 500mV(rms), (-4dBs), low impedance (400Hz when modulated 100%)
Subwoofer Output		More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1
AV COMPULINK		3.5mm mini jack × 1
Display Input / Output (For system cable)	Control / Audio	D-sub 26-pin connector × 2
	Video	DVI-D 24-pin connector × 2
Remote Control Unit		RM-C1830 (AA/R6 / UM-3 battery × 2)

Design & specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 SAFETY PRECAUTIONS

(1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (⚠) on the parts list in Service manual**. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.

(4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (⏚) side GND and EARTH : (⏚⃝) side GND. Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.

(5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.

(6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.

(7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.

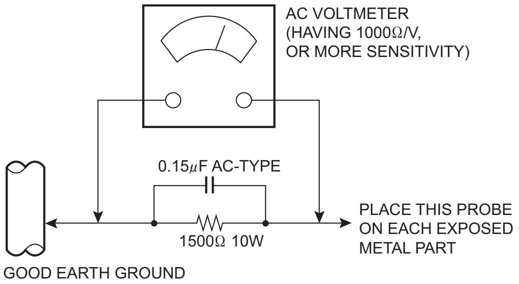
(8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(9) **Isolation Check**
(Safety for Electrical Shock Hazard)
After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) **Dielectric Strength Test**
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.
(. . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)
This method of test requires a test equipment not generally found in the service trade.

b) **Leakage Current Check**
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.).
Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).
However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

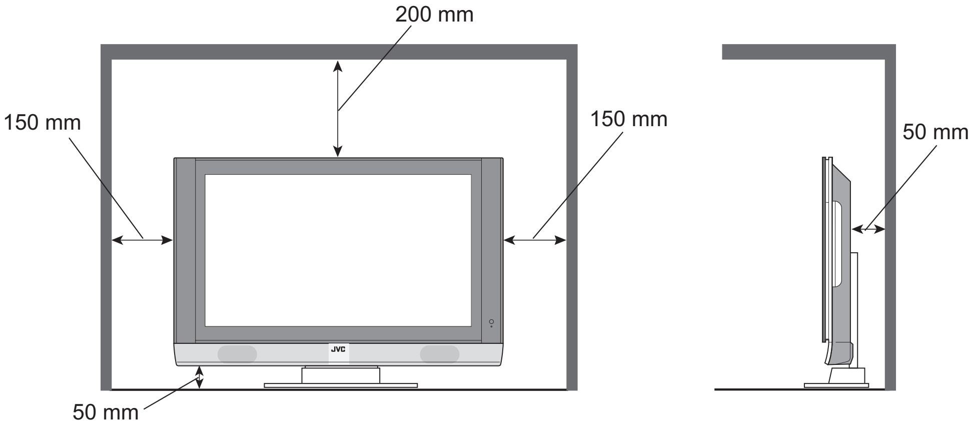
If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

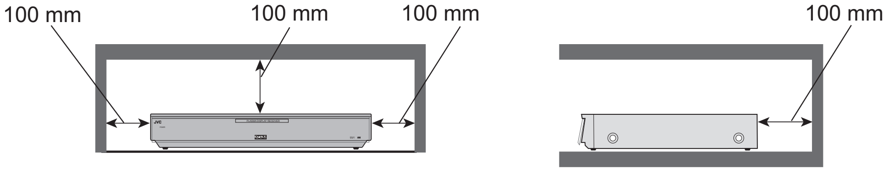
1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

■SPACE REQUIRED FOR INSTALLATION OF THE DISPLAY UNIT



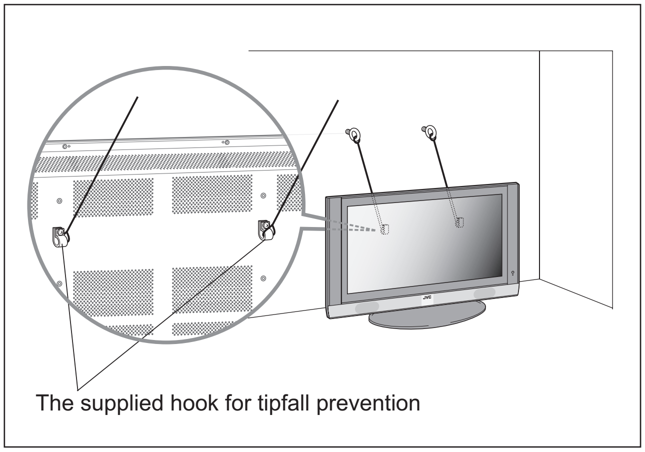
■SPACE REQUIRED FOR INSTALLATION OF THE RECEIVER UNIT



1.2.3 FALL TIP PREVENTION MEASURES

Take precautionary measures to prevent the unit from falling or tipping to protect against emergencies such as earthquakes as well as accidents.

Fasten the supplied hook for tip fall prevention using the screws, also supplied, behind the display unit, and use them together with durable cords (to be purchased separately) to secure the unit to a robust part such as the wall surface or pillars.



1.3 PRECAUTIONS REGARDING PDP

1.3.1 PRECAUTIONS DURING NOTES FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal PDP (Plasma Display Panel) due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention prior to delivery such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the PDP of this unit is made of glass and therefore fragile:

(1) Avoid vibrations and impacts

The unit may be broken if it is toppled sideways even when properly packed. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(2) Do not place equipment horizontally

Ensure that it is placed upright and not horizontally during transportation and storage as the PDP is very vulnerable to lateral impacts and may break easily under such circumstances.

During transportation, ensure that the unit is loaded along the traveling direction of travel of the vehicle, and avoid stacking them on one another.

For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 RESIDUAL IMAGE / BURN-IN ON SCREEN

Like CRTs, "burn-in" may occur when a same image is continuously displayed over an extended period of time.

As this may also shorten the life span of the PDP. Therefore, turn off the display when not in use, scroll the screen, make use of screen-savers, or allow even distribution on the display by inverting the brightness, switching to complementary colors or inserting animated images at periodic intervals.

As burn-in is more likely to occur with high brightness and contrast settings, try to use neutral gradations or medium tone colors.

Burn-in does not occur in the case of animated images.

When switching to another image after continuous display of the previous image, residual images may become prominent, as luminance in a part of the display is higher than the other parts.

This is not a defect but is because due to the discharge surface of the lighted portion has become being relatively activated and its luminance higher than the unlighted parts.

1.3.3 INFRARED RAYS

Near Near-infrared rays (800nm to 1000nm) are emitted from the front of the panel, and this may give rise to malfunctions in infrared remote controls or communication systems placed near it. In this case, avoid direct infrared rays (and reflected rays in some cases) from the screen by either changing the direction of the unit or other infrared systems or securing a longer keeping a distance from the screen.

1.3.4 OPTICAL FILTER (PANEL FILTER)

Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and color.

Clean the filter surface by wiping it softly lightly with outing flannels a soft and lightly fuzz cloth (such as flannel).

Do not use solvents such as benzine or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off.

As the filter surface is fragile., do not scratch or hit it with hard materials.

1.3.5 NOTES PRECAUTIONS FOR PEPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (back REAR COVER, FRONT PANEL, optical filter)

- Do not exert pressure on the front of the PDP (glass surface).
- Pay careful attention not to scratch or stain the front of the PDP (surface) with hands.
- When replacing exterior parts, the front of the PDP should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front surface. However, never use materials that are too soft (such as blanket cloth). If replacement is made with the PDP surface facing downward and in contact with the blanket, pressure may be exerted on the PDP, thus causing damages to it.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

2.1 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

COLOUR MANAGEMENT

This function ensures dull colours are compensated to produce natural hues.

PICTURE MANAGEMENT

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

ZOOM

This function can change the screen size according to the picture aspect ratio.

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

SUPER DIGIPURE

This function uses the latest in digital technology to give you a natural-looking picture.

PULL DOWN

This function displays a cinema film picture more smoothly and naturally on the screen.

3D CINEMA SOUND

You can enjoy sounds with a widerambience.

DIGITAL INPUT

Digital-in will display when any picture signal in Digital-in is displayed.

BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

A.H.S.

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

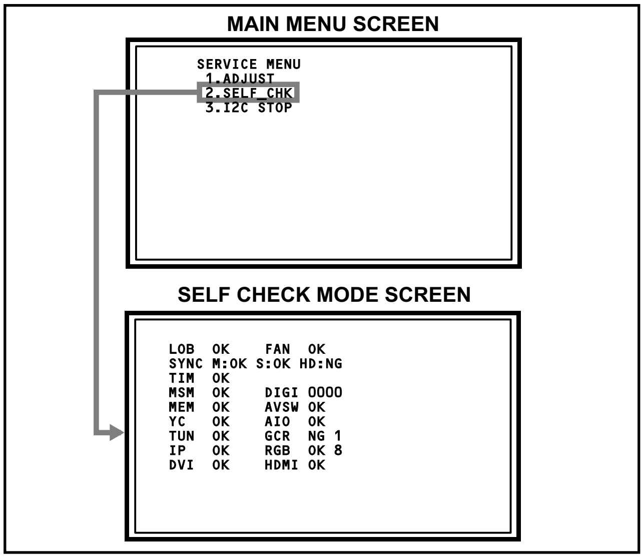
2.2 MAIN DIFFERENCE LIST

Item	PD-Z50DX4	PD-50DX4/S
POWER CORD	UK type(3pin) EU type(2pin with Earth) Flat type(with Earth)	UK type(3pin) Flat type(with Earth)
DISPLAY UNIT		
DISPLAY INTERFACE P.W.B	LCA10360-09E (SFP-7307A)	LCA10360-10E (SFP-7308A)
LINE FILTER P.W.B	LCA90143-13B (SFP-9308A)	LCA90143-14B (SFP-9309A)
SUB POWER P.W.B	LCA10353-03D (SFP-9312A)	LCA10353-04D (SFP-9313A)
RECEIVER UNIT		
REGULATOR P.W.B	LCA10426-13C (SFP-9306A)	LCA10426-14C (SFP-9317A)
DIGITAL SIGNAL P.W.B	LCA10428-41H (SFP-0D307A)	LCA10428-42H (SFP-0D308A)

2.3 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

(1) Press the [DISPLAY] key and [MUTING] key simultaneously, then enter the SERVICE MODE.
(2) When the Main Menu is displayed, press [2] key to enter the self check mode.
(3) Turn off the power by pressing the [POWER] key on the remote control unit.



MAIN MENU SCREEN

```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

SELF CHECK MODE SCREEN

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK    DIGI OOOO
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  NG 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

2.4 TECHNICAL INFORMATION

2.4.1 PDP STRUCTURE AND CHARACTERISTIC

This unit uses the flat type panel PDP (Plasma Display Panel), instead of the conventional CRT (Cathode Ray Tube), as a display unit.

2.4.1.1 PIXEL (CELL) ARRAY

PDP is constructed by sealing the xenon, which emits neon and ultraviolet rays for discharging purpose, in between the electrodes lay on the front glass substrate and rear glass substrate.
One pixel is composed of 3 RGB cells, with cell pitch of 0.270mm (1 pixel 0.810mm) horizontally and 0.810mm vertically.
The cell is arrayed in each RGB color as shown in Fig. 1. One pixel is formed by interlacing each RGB color cell.
One cell size is 0.270mm horizontally and 0.810mm vertically.

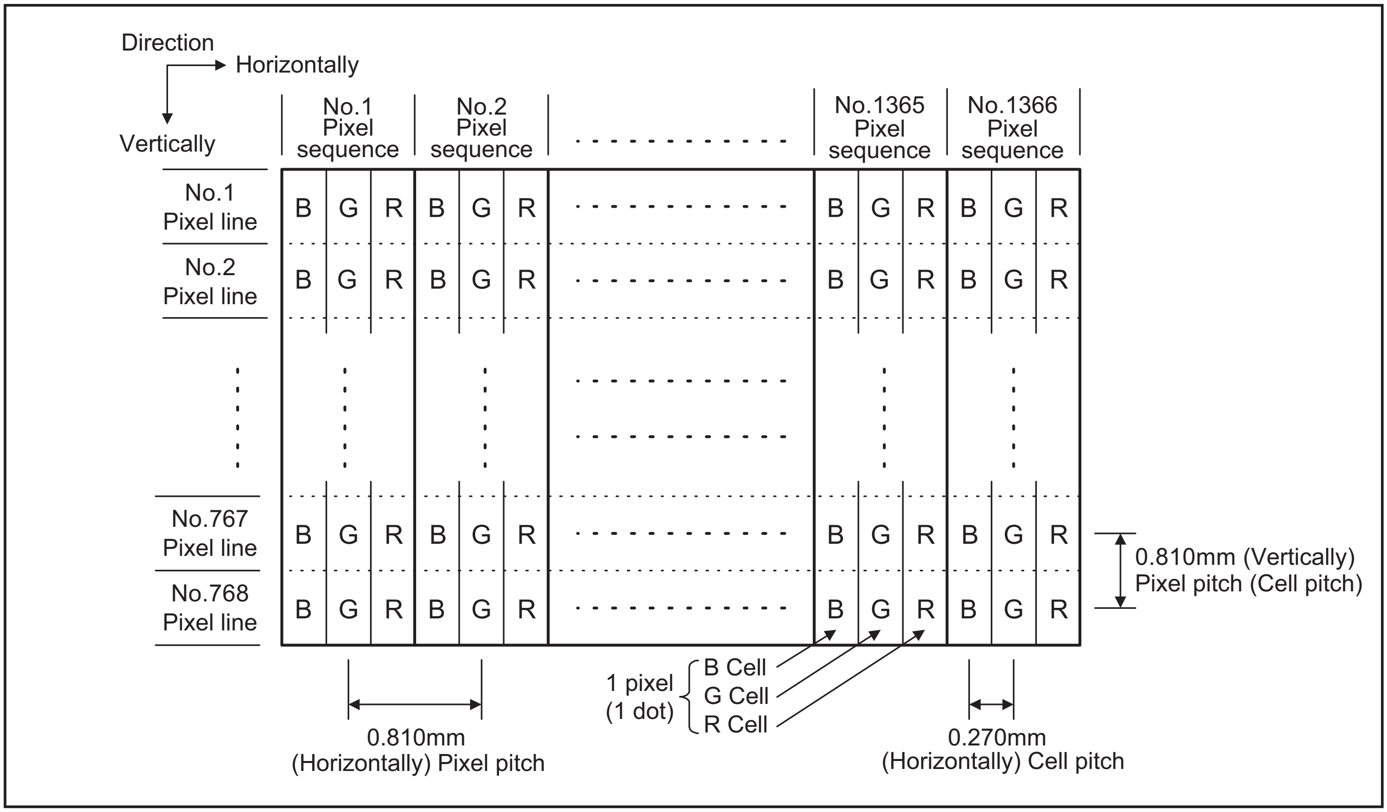

Direction
Horizontally
Vertically
No.1 Pixel sequence
No.2 Pixel sequence
No.1365 Pixel sequence
No.1366 Pixel sequence
No.1 Pixel line
No.2 Pixel line
No.767 Pixel line
No.768 Pixel line
B G R B G R
0.810mm (Vertically) Pixel pitch (Cell pitch)
1 pixel (1 dot)
B Cell
G Cell
R Cell
0.810mm (Horizontally) Pixel pitch
0.270mm (Horizontally) Cell pitch

Fig.1

2.4.1.2 PIXEL DEFECTS

Though PDP is made by means of ultra precise technology, there are cases whereby not all pixels (cell) will function properly. In some cases, there may be defective pixels that do not light at all or the ones that always light on.
There are 3 types of Pixel defects, [Bright Dot Defects], [Dark Dot Defects] and [Flicker Dot Defects], as defined respectively in the following:

(1) BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.
For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

(2) DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.
For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

(3) FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.
For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.4.2 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y / RECEIVER UNIT]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	VHOLD1	I	Data slice for main screen closed caption	51	NC	O	Not used
2	HFLT1	I/O	LPF for main screen closed caption video input	52	NC	O	Not used
3	NC	O	Not used	53	NC	O	Not used
4	NC	O	Not used	54	NC	O	Not used
5	DIGR0	O	R [0] for OSD	55	NC	O	Not used
6	TB1in	I	AC power for timer clock	56	NC	O	Not used
7	REMO	I	Remote control	57	NC	O	Not used
8	BYTE	I	Data bus width select [L = 16bit (fixed)]	58	NC	O	Not used
9	CNVss	I	CPU programming mode select [Normal = L]	59	NC	O	Not used
10	DIGG0	O	G [0] for OSD	60	NC	O	Not used
11	DIGB0	O	B [0] for OSD	61	NC	O	Not used
12	RESET	I	Reset for main CPU [Reset = L]	62	HSYNC	I	H. sync for OSD
13	Xout	O	System clock osillation (crystal) : 16MHz	63	NC	O	Not used
14	Vss	-	GND	64	VSYNC	I	V. sync for OSD
15	Xin	I	System clock osillation (crystal) : 16MHz	65	NC	O	Not used
16	VccI	I	3.3V stand-by power supply	66	NC	O	Not used
17	OSC1	I	Clock for OSD	67	NC	O	Not used
18	OSC2	O	Not used : Clock for OSD	68	NC	O	Not used
19	INT1	I	AV COMPULINK control	69	NC	O	Not used
20	INT0	I	Request for sub(chassis) CPU communication (serial data)	70	NC	O	Not used
21	OUT1	O	Ys (blanking) for OSD	71	NC	O	Not used
22	OUT2	O	YM (transparence) for OSD	72	NC	O	Not used
23	NC	O	Not used	73	NC	O	Not used
24	NC	O	Not used	74	NC	O	Not used
25	NC	O	Not used	75	NC	O	Not used
26	NC	O	Not used	76	NC	O	Not used
27	CTA2/RTS2	O	Not used : Digital tuner control	77	NC	O	Not used
28	CLK2	O	Not used : Digital tuner control	78	NC	O	Not used
29	RxD2	I	Not used : Digital tuner control	79	NC	O	Not used
30	TxD2	O	Not used : Digital tuner control	80	NC	O	Not used
31	SDA2	I/O	Not used	81	NC	O	Not used
32	DIGR1	O	R [1] for OSD	82	NC	O	Not used
33	DIGG1	O	G [1] for OSD	83	NC	O	Not used
34	DIGB1	O	B [1] for OSD	84	WAKE	O	Reset for sub(chassis) CPU
35	TxD0	I	Data receive (serial) for external programming	85	CARD_DET	I	Not used : Card detection for ATSC digital tuner
36	RxD0	O	Data transmission (serial) for external programming	86	POWER_SW	I	Not used : Power switch (mechanical) detection
37	CLK0	I	Clock for external programming	87	NC	I/O	Data for Inter IC (serial) bus control : memory
38	RTS0	O	Busy for external programming [Operation = H]	88	NC	O	Clock for Inter IC (serial) bus control : memory
39	P5.7	I	Not used	89	DIGR2	O	R [2] for OSD
40	P5.6	O	Not used	90	DIGG2	O	G [2] for OSD
41	HOLD	I	CPU programming mode select [Normal = H]	91	DIGB2	O	B [2] for OSD
42	P5.4	O	Not used	92	NC	O	Not used
43	P5.3	O	Not used	93	KEY2	I	Key scan data for front control button (MENU/CH+/CH-) KEY2
44	P5.2	O	Not used	94	KEY1	I	Key scan data for front control button (VOL+/VOL-) KEY1
45	P5.1	O	Not used	95	VHOLD2	I	Data slice for sub screen closed caption
46	WR	O	CPU programming mode select [Normal = L]	96	HLF2	I/O	LPF for sub screen closed caption video input
47	P4.7	O	Data transmission for sub(chassis) CPU communication (serial)	97	CVIN2	I	Video(Y) for sub screen closed caption
48	P4.6	I	Data receive for sub(chassis) CPU communication (serial)	98	TVSETB	I	Test terminal [L Fixed]
49	P4.5	I	Clock for sub(chassis) CPU communication (serial)	99	VCCE	I	5V stand-by power supply
50	P4.4	O	Not used	100	CVIN1	I	Video(Y) for main screen closed caption

2.4.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y / RECEIVER UNIT]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	O	Not used	51	BS_TXD	O	Not used : Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Not used : Data receive for digital tuner communication
3	JP_CSB	O	Not used (NC)	53	NC	O	Not used (NC)
4	A_MU	O	Audio muting [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MU	O	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	O	Not used : RGB(PC) INPUT select	56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDA0	I/O	Data for Inter IC (serial) bus : EEP-ROM (IC7002)
8	ILA0	O	Not used : LCD back light lighting	58	SCL0	O	Clock for Inter IC (serial) bus : EEP-ROM (IC7002)
9	ILA1	O	Not used : LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGII_PHOT	I	Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for SUB (OSD) CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for SUB (OSD) CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for SUB (OSD) CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for SUB (OSD) CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	O	for DIGITAL-IN (HDMI)
18	FOSC	O	Not used (NC)	68	GCR_RST	O	Not used (NC)
19	VSS	-	GND	69	GR_ON	O	Not used (NC)
20	X1	I	Not used : Low speed oscillatior	70	SYNC_SEL	O	Not used : Sync select for digital tuner
21	X0	O	Not used : Low speed oscillatior	71	NC	O	Not used (NC)
22	VDD	I	3.3V power supply	72	NC	O	Not used (NC)
23	OSC1	I	System clock osillation (crystal) : 16MHz	73	SBD5	I/O	Not used : Data for writing on board (connect CN01P : for Frash ROM type)
24	OSC0	O	System clock osillation (crystal) : 16MHz	74	SBT5	I	Not used : Clock for writing on board (connect CN01P : for Frash ROM type)
25	MODE	I	Single chip mode	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Not used : Digital tuner power / reset control	76	COMP	I	AV COMPULINK lll control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Not used: Reset for Digital tuner power / reset control	78	VSYNC	I	V. sync pulse
29	LIP_RST	O	Not used: Reset for Sound delay (Lip sync)	79	WAKE	I	Reset for sub(chassis) CPU
30	SOFT_OFF	O	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	I	No use : Picture muting request from digital tuner	81	NC	O	Not used (NC)
32	VOUTENB	O	No use : Video cutoff for digital tuner	82	RST	I	Reset for MAIN CPU [Reset = L]
33	MDR_CON	I	System cable connection monitor for PDP	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	BS_POW	O	Not used : Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Cotrolled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POW	O	Not used : Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used (NC)	88	DIGI_SYNCSEL	O	Not used
39	HOTPLUG	I	Video communiation monitor for receiver unit (PDP)	89	DIGI_LRSW	O	For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	I	Reset for HDMI process [Reset = L]
41	MAIN_POW	O	Main power control [ON = L]	91	DVI_RST	O	Reset for DVI format conversion
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used : AFT voltage for sub tuner	94	VFORMATSEL	O	Not used : Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Key scan data for front switch (MENU/CH+/CH-)	96	OSD_MODE_SEL	O	Not used : OSD mode select
47	KEY1	I	Key scan data for front switch (VOL+/VOL-)	97	NC	O	Not used (NC)
48	NC	O	Not used (NC)	98	15K/OTH	O	Main video select [Fixed H]
49	NC	O	Not used (NC)	99	DsyncSW1	O	Sync select for DIGITAL-IN [Cotrolled with 36-pin]
50	AC_IN	I	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3
DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE (DISPLAY UNIT)

NOTE:

- When exchanging parts etc. with the front side (PDP side) fancing down, place a protection sheet under the DISPALY UNIT to prevent scratches on the front side.
- It is advisable to take notes of the connecting locations (connector numbers) of the removed connectors.

3.1.1 REMOVING THE REAR COVER (Fig.1)

(1) Remove the power cord and the system cable.
(2) Remove the 11 screws **[A]** and the 14 screws **[B]**, then remove the REAR COVER.

3.1.2 REMOVING THE BACK COVER AND SPEAKER HOLDER (Fig.1)

(1) Remove the 8 screws **[C]**, then remove the BACK COVER.
(2) Remove the SPEAKER HOLDER.

3.1.3 REMOVING THE CHASSIS SHIELD BRACKET NAD THE TERMINAL COVER (Fig.1)

- Remove the REAR COVER.

(1) Remove the 6 screws **[D]**, then remove the CHASSIS SHIELD BRACKET.
(2) Remove the 2 screws **[E]** and the 5 screws **[F]**, then remove the TERMINAL COVER.

3.1.4 REMOVING THE LINE FILTER PWB (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Remove the 2 claws **[G]**, then remove the LINE FILTER INSULATOR.
(2) Disconnect the connector [CN8001] from the MAIN POWER UNIT.
(3) Remove the 2 screws **[H]** and the 1 screw **[I]**, then remove the LINE FILTER PWB.

3.1.5 REMOVING THE AUDIO PWB (Fig.1.)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connector [CN60SL] / [CN60CB] / [CN60SR] from the AUDIO PWB .
(2) Disconnect the connector [CN9001] from the SUB POWER PWB.
(3) Disconnect the connector [CN00A] / [CN00C] / [CN00D] from the DISPLAY INTERFACE PWB.
(4) Remove the 4 screws **[J]**, then remove the AUDIO PWB.

3.1.6 REMOVING THE DISPLAY INTERFACE PWB (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.

(1) Disconnect the connector [CN00A] / [CN00C] / [CN00D] / [CN00E] / [CN00G] / [CN00Q] / [CN00T] / [CN00X] / [CN00V] / [CN0FL] / [CN0FR] / [CN601] / [CNAH1] from the DISPLAY INTERFACE PWB .
(2) Remove the 3 screws **[K]**, the 2 screws **[L]** and the 2 screws **[M]** , then remove the DISPLAY INTERFACE PWB.

3.1.7 REMOVING THE CHASSIS BASE (Fig.1)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the LINE FILTER PWB.
- Remove the AUDIO PWB.
- Remove the DISPLAY INTERFACE PWB.

(1) Remove the 2 screws **[N]**, then remove the CHASSIS BASE.

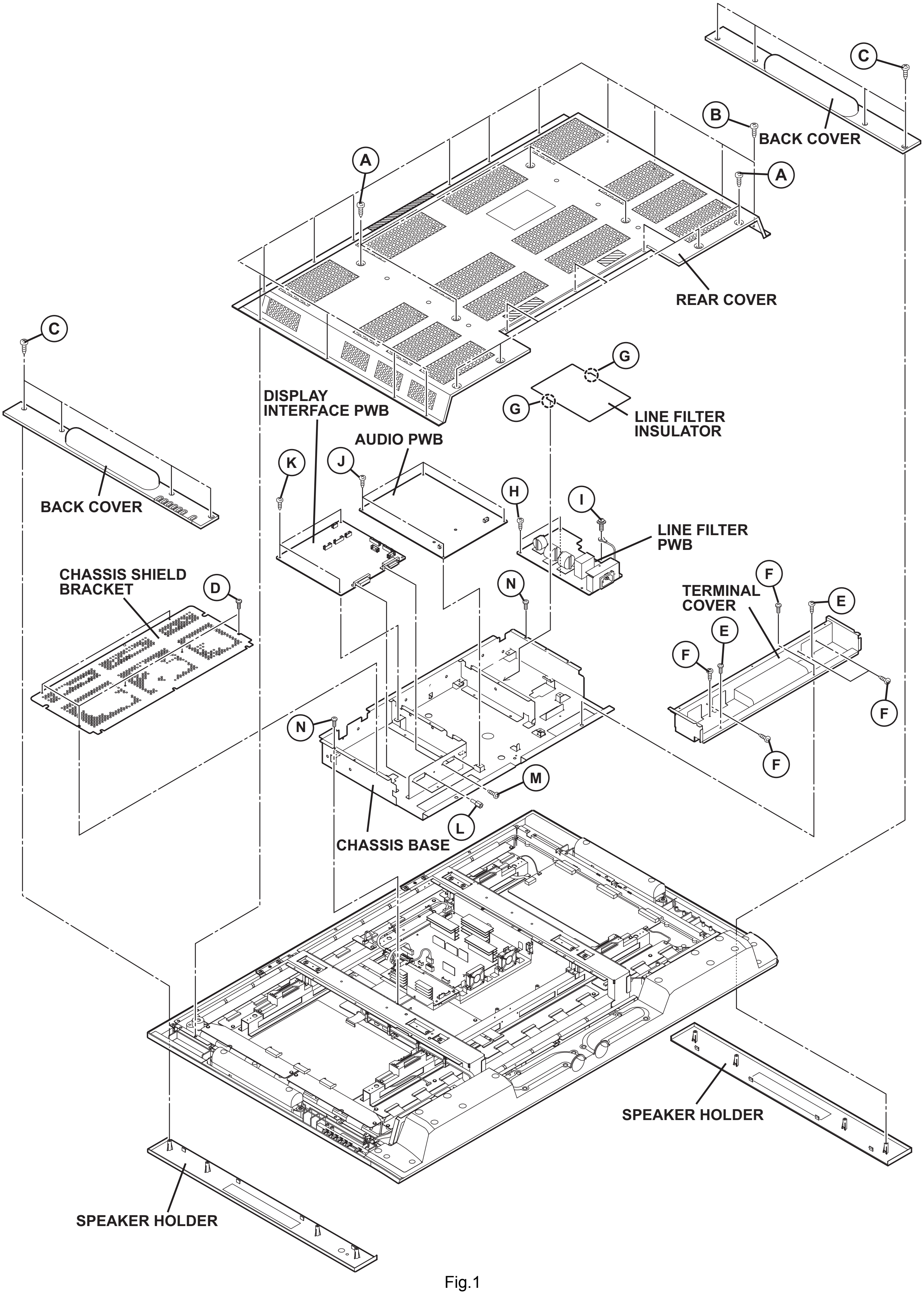

C
B
BACK COVER
A
A
REAR COVER
C
G
G
LINE FILTER INSULATOR
DISPLAY INTERFACE PWB
AUDIO PWB
K
J
H
I
LINE FILTER PWB
BACK COVER
CHASSIS SHIELD BRACKET
D
N
F
TERMINAL COVER
E
E
F
F
N
M
F
L
CHASSIS BASE
SPEAKER HOLDER
SPEAKER HOLDER

Fig.1

3.1.8 REMOVING THE TEMP. SENSOR PWB (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN800V] from the TEMP. SENSOR PWB PWB .
  (2) Remove the 1 screw **[O]**, then remove the TEMP. SENSOR PWB.

3.1.9 REMOVING THE MAIN POWER UNIT (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN805] / [CN806] / [CN8001] / [CN8009] / [CN8011] / [CN9001] from the MAIN POWER UNIT .
  (2) Remove the 8 screws **[P]**, then remove the MAIN POWER UNIT.

3.1.10 REMOVING THE SUB POWER PWB (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN9001] / [CN9002] / [CN9005] from the SUB POWER PWB .
  (2) Remove the 4 screws **[Q]**, then remove the SUB POWER PWB.

3.1.11 REMOVING THE COOLING FAN (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN0FL] / [CN0FR] from the DISPLAY INTERFACE PWB .
  (2) Remove the 4 screws **[R]**, then remove the FAN BRACKET by lifting upward.
  (3) Remove the 4 screws **[S]**, then remove the COOLING FAN by pulling in hte arrowed direction.

3.1.12 REMOVING THE POWER CHASSIS BASE (Fig.2)

- Remove the REAR COVER.
- Remove the MAIN POWER UNIT.
- Remove the SUB POWER PWB.
- Remove the COOLING FAN.
  (1) Remove the 5 screws **[T]**, then remove the POWER CHASSIS BASE.

3.1.13 REMOVING THE DISPLAY SWITCH PWB (Fig.2)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Remove the 2 screws **[U]**, then remove the CONTROL KNOB.
  (2) Remove the 3 screws **[V]**, then remove the DISPLAY SWITCH PWB.
  (3) Disconnect the connector [CN000T] from the DISPLAY SWITCH PWB .

3.1.14 REMOVING THE DISPLAY LED PWB (Fig.2)

- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
- Remove the DISPLAY SWITCH PWB.
  (1) Remove the 2 screws **[W]**, then remove the DISPLAY LED PWB.
  (2) Disconnect the connector [CN000X] from the DISPLAY LED PWB .

3.1.15 REMOVING THE DD SPEAKER (Fig.2)

- Remove the REAR COVER.
- Remove the BACK COVER.
- Remove the SPEAKER HOLDER.
  (1) Disconnect the connector [CN60SR] / [CN60SL] from the AUDIO PWB .
  (2) Remove the 4 screws **[X]**, then remove the DD SPEAKER.

3.1.16 REMOVING THE WOOFER SPEAKER (Fig.2)

- Remove the REAR COVER.
  (1) Disconnect the connector [CN60CB] from the AUDIO PWB.
  (2) Remove the 6 screws **[Y]**, then remove the WOOFER SPEAKER UNIT.
  (3) Remove the 14 screws **[Z]**, then remove the WOOFER BACK COVER.
  (4) Remove the 8 screws **[A']**, then remove the WOOFER SPEAKER.

3.1.17 REMOVING THE PDP (PANEL) UNIT (Fig.2)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
  (1) Remove the 8 screws **[B']** and the 8 screws **[C']**, then remove the BACK BRACKET.
  (2) Remove the 4 screws **[D']** then Lift the PDP straight upward and remove it with extra attention no to impose any shock to the PDP.

CAUTION:

- More than two people are required to remove the PDP unit.
- The gas pouring port is covered with the protection material. Durring the operation, be careful not to damage the gas pouring port.
- Do not touch the front side (glass) of the PDP with your fingers.

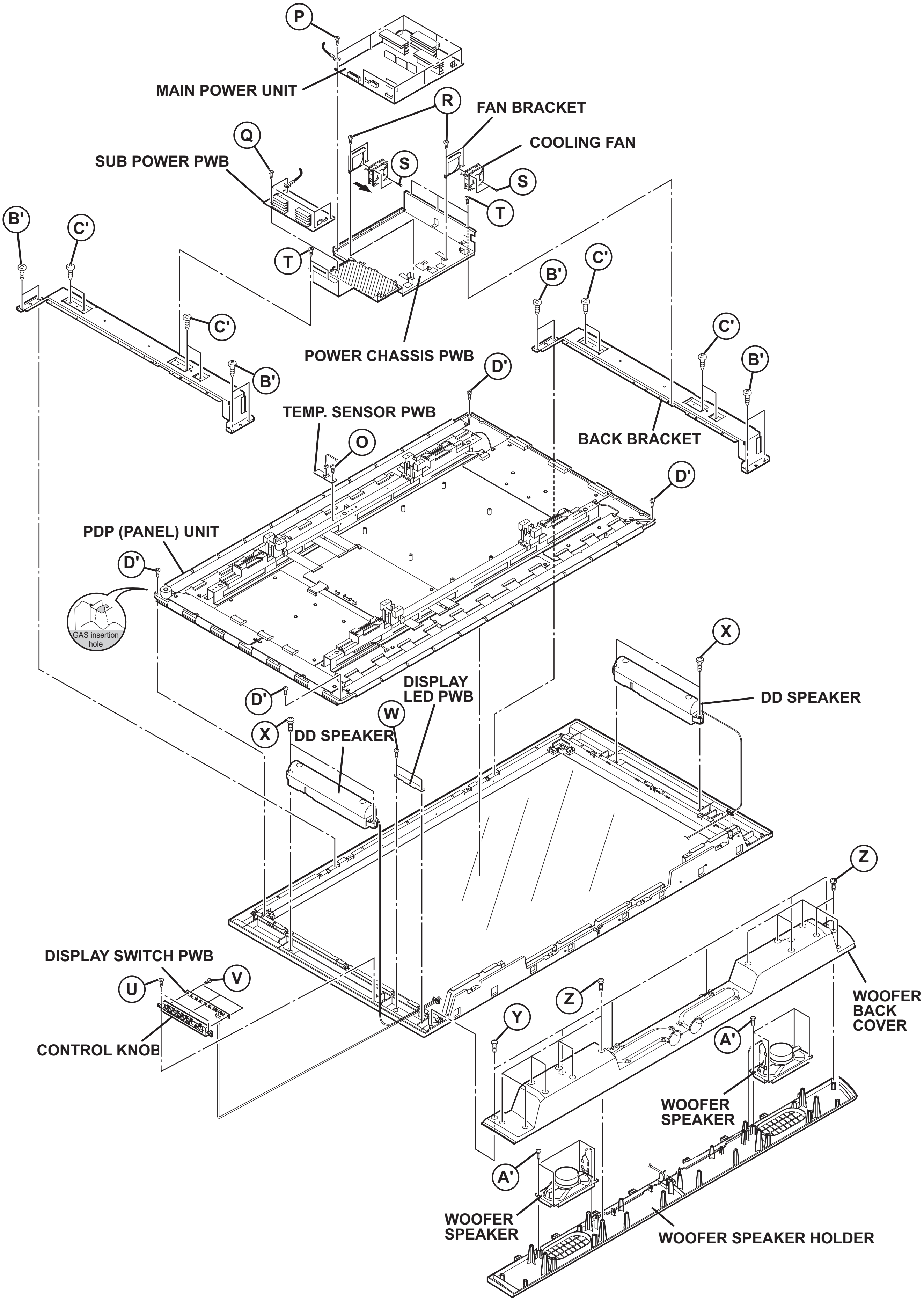

P
MAIN POWER UNIT
R
FAN BRACKET
Q
COOLING FAN
SUB POWER PWB
S
S
T
B'
C'
T
C'
B'
C'
C'
B'
B'
POWER CHASSIS PWB
D'
TEMP. SENSOR PWB
O
BACK BRACKET
D'
PDP (PANEL) UNIT
D'
GAS insertion hole
X
DISPLAY LED PWB
D'
DD SPEAKER
X
W
DD SPEAKER
Z
DISPLAY SWITCH PWB
V
U
WOOFER BACK COVER
Z
Y
A'
CONTROL KNOB
WOOFER SPEAKER
A'
WOOFER SPEAKER
WOOFER SPEAKER HOLDER

Fig.2

3.1.18 REMOVING THE PWB IN PDP UNIT

3.1.18.1 REMOVING THE X LEFT TOP PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P4] / [P5] / [P501] / [P502] / [P503] / [P504] from the X-LEFT TOP PWB .
  (2) Remove the 2 screws **[a]** and the 1 screw **[b]**, then remove the X LEFT TOP PWB.

3.1.18.2 REMOVING THE X CENTER TOP PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P5] / [P6] / [P10] / [P100] / [P505] / [P506] / [P507] / [P508] from the X-CENTER TOP PWB .
  (2) Remove the 1 screw **[b]** and the 2 screws **[c]**, then remove the X CENTER TOP PWB.

3.1.18.3 REMOVING THE X RIGHT TOP PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P4] / [P5] / [P6] / [P509] / [P510] / [P511] from the X-RIGHT TOP PWB .
  (2) Remove the 2 screws **[d]**, then remove the X RIGHT TOP PWB.

3.1.18.4 REMOVING THE Z SUS PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P2] / [P3] / [P5] / [P6] / [P9] / [P12] from the Z SUS PWB .
  (2) Remove the 9 screws **[e]**, then remove the Z SUS PWB.

3.1.18.5 REMOVING THE LVDS CONTROL PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P3] / [P6] / [P101] / [P102] / [P103] / [P104] / [P105] / [P106] / [P200] / [P201] / [P300] from the LVDS CONTROL PWB .
  (2) Remove the 4 screws **[f]**, then remove the LVDS CONTROL PWB.

3.1.18.6 REMOVING THE Y SUS PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [1] / [P2] / [P3] / [P4] / [P5] / [P7] / [P9] / [P11] from the Y SUS PWB .
  (2) Remove the 8 screws **[g]**, then remove the Y SUS PWB.

3.1.18.7 REMOVING THE Y DRIVE UPPER PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P2] / [P10] from the Y-SUB PWB .
  (2) Disconnect the connector [P6] / [P7] / [P8] / [P9] / [P10] / [P12] / [P13] from the Y-DRIVE UPPER PWB .
  (3) Remove the 2 screws **[h]**, then remove the Y DRIVE UPPER PWB.

3.1.18.8 REMOVING THE Y DRIVE LOWER PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P2] / [P10] from the Y-SUB PWB .
  (2) Disconnect the connector [P1] / [P2] / [P3] / [P4] / [P5] / [P11] from the Y-DRIVE LOWER PWB .
  (3) Remove the 2 screws **[i]**, then remove the Y DRIVE LOWER PWB.

3.1.18.9 REMOVING THE X RIGHT BOTTOM PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connector [P2] / [P3] /[P7] / [P401] / [P402] / [P403] from the X-RIGHT BOTTOM PWB .
  (2) Remove the 2 screws **[j]**, then remove the X RIGHT BOTTOM PWB.

3.1.18.10 REMOVING THE X CENTER BOTTOM PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P4] / [P7] / [P405] / [P406] / [P407] / [P408] / [P425] from the X-CENTER BOTTOM PWB.
  (2) Remove the 2 screws **[k]** and the 1screw **[k]**, then remove the X CENTER BOTTOM PWB.

3.1.18.11 REMOVING THE X LEFT BOTTOM PWB (Fig.3)

- Remove the PDP UNIT.
  (1) Disconnect the connectors [P1] / [P2] / [P401] / [P402] / [P403] / [P404] from the X LEFT BOTTOM PWB .
  (2) Remove the 1 screw **[m]** and the 2 screws **[n]**, then remove the X-LEFT BOTTOM PWB.

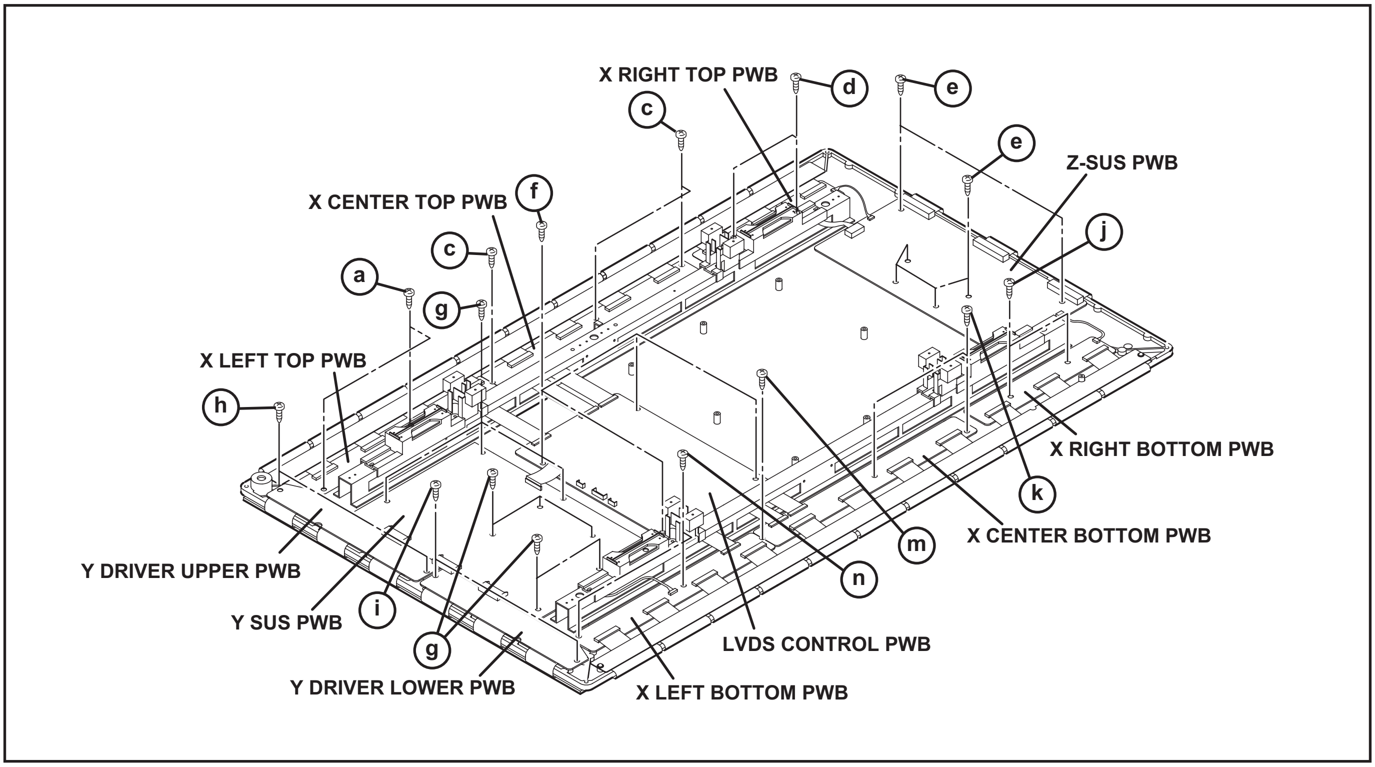


Fig.3

3.1.19 REMOVING THE FRONT FILTER (Fig.4)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the PDP UNIT.
  1. Remove the 12 screws **[u]**, then remove the FILTER BRACKET.
  2. Remove the FRONT FILTER with enough care not to damage it.

3.1.20 REMOVING THE TOP FRAME BRACKET, BOTTOM FRAME BRACKET AND SIDE FRAME BRACKET (Fig.4)

- Remove the REAR COVER.
- Remove the CHASSIS SHIELD BRACKET.
- Remove the TERMINAL COVER.
- Remove the CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the POWER CHASSIS BASE (with each PWB affixed on the CHASSIS BASE).
- Remove the TEMP. SENSOR.
- Remove the PDP UNIT.
- Remove the FRONT FILTER.
  1. Remove the 6 screws **[v]**, then remove the FRONT PANEL.
  2. Remove the 8 screws **[w]**, then remove the SPACER.
  3. Remove the 4 screws **[x]**, then remove the TOP FRAME BRACKET, BOTTOM FRAME BRACKET and SIDE FRAME BRACKET.

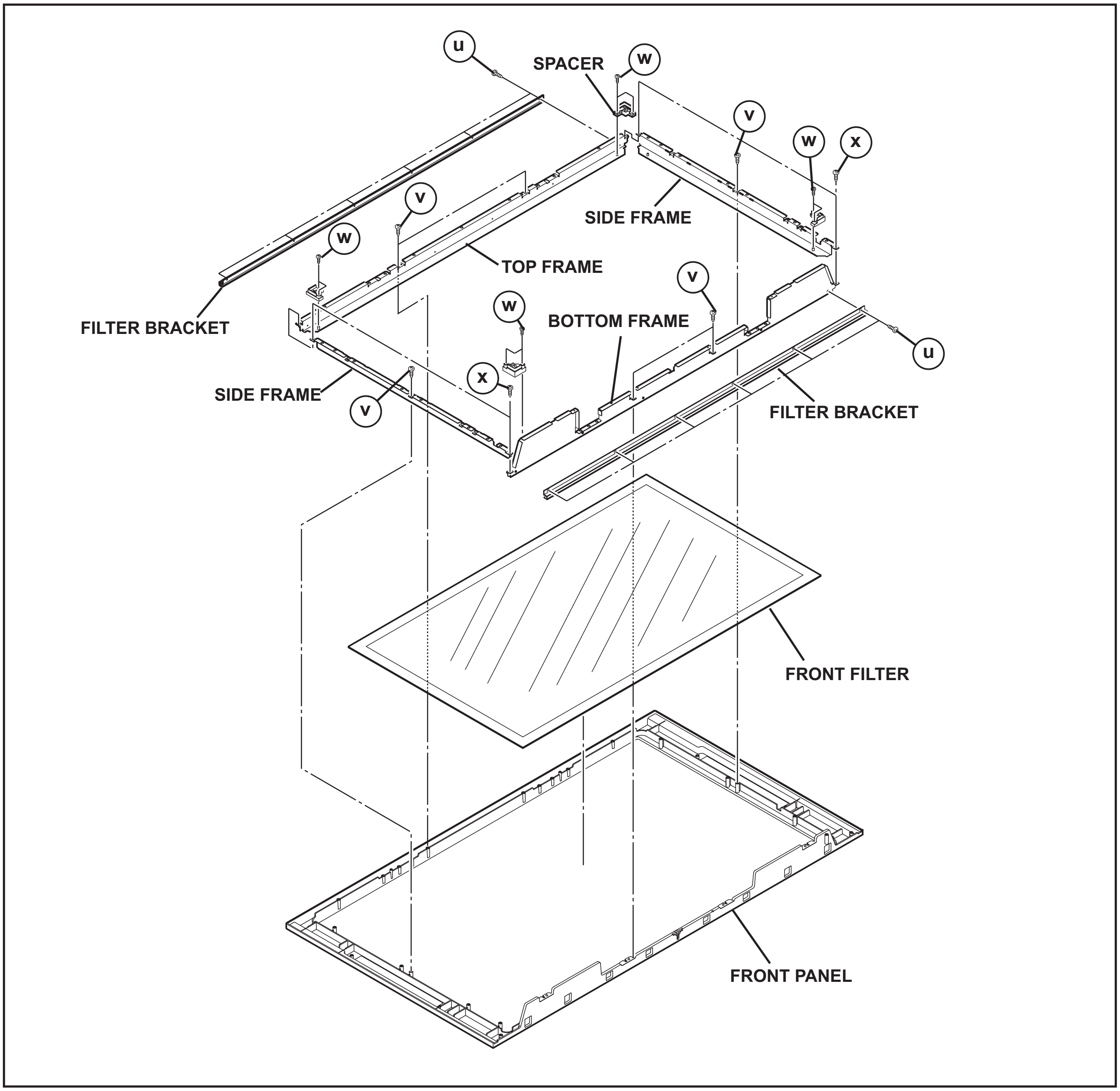

u
SPACER
w
v
w
x
SIDE FRAME
v
w
TOP FRAME
v
w
BOTTOM FRAME
FILTER BRACKET
u
x
SIDE FRAME
v
FILTER BRACKET
FRONT FILTER
FRONT PANEL

Fig.4

3.2 DISASSEMBLY PROCEDURE (RECEIVER UNIT)

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTING on the page 1-6, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.2.1 REMOVING THE TOP COVER

(1) Remove the 9 screws **[A]** then remove the TOP COVER.

3.2.2 REMOVING THE FRONT PANEL

- Remove the TOP COVER.

(1) Remove the 3 screws **[B]** and the 1 screw **[C]**.
(2) Remove the 3 claws **[D]** and the 2 claws **[E]**.
(3) Remove the FRONT PANEL toward you.

3.2.3 REMOVING THE FRONT CONTROL PWB

- Remove the TOP COVER.
- Remove the FRONT PANEL.

(1) Remove the [CN00F] connector on the ANALOG SIGNAL PWB.
(2) Remove the 4 screws **[F]**, then remove the FRONT CONTROL PWB.

3.2.4 REMOVING THE REAR COVER

- Remove the TOP COVER.

(1) Remove the 10 screws **[G]**, the 2 screws **[K]**, the 2 screws **[L]** , the 2 screws **[M]** and 1 screw **[N]**.
(2) Remove the REAR COVER toward you.

3.2.5 REMOVING THE RECEIVER PWB

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CN00A] / [CN00T] connectors on the RECEIVER PWB.
(2) Remove the RECEIVER PWB.

3.2.6 REMOVING THE REAR JACK PWB

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CNJ0J1] / [CNJ0J2] connectors on the ANLOG SIGNAL PWB.
(2) Remove the 2 screws **[S]**, then remove the REAR JACK PWB.

3.2.7 REMOVING THE DIGITAL SIGNAL PWB

- Remove the TOP COVER.
- Remove the REAR COVER.

(1) Remove the [CN001] / [CN002] connectors on the ANLOG SIGNAL PWB.
(2) Remove the [CN003] connector on the REGULATOR PWB.
(3) Remove the 4 screws **[T]**, then remove the TUNER HOLDER.
(4) Remove the 4 screws **[U]**, then remove the DIGITAL SIGNAL PWB.

CAUTION:

Make sure to perform the "SYSTEM SETTING" on page 1-6, when DIGITAL SIGNAL PWB is replaced.

3.2.8 REMOVING THE REGULATOR PWB

- Remove the TOP COVER.
- Remove the FRONT PANEL.

(1) Remove the [CN00D] connector on the ANLOG SIGNAL PWB.
(2) Remove the [CN003] and [CN00B] connector on the REGULATOR PWB.
(3) Remove the 4 screws **[V]**, then remove the REGULATOR PWB.

3.2.9 REMOVING THE SYSTEM POWER PWB

- Remove the TOP COVER.

(1) Remove the [CN00G] / [CN00K] connector on the ANLOG SIGNAL PWB.
(2) Remove the [CN00B] connector on the REGULATOR PWB.
(3) Remove the [CN00Q] / [CN0PW] connector on the SYSTEM POWER PWB.
(4) Remove the 7 screws **[W]**, then remove the SYSTEM POWER PWB.

3.2.10 REMOVING THE ANLOG SYGNAL PWB

- Remove the TOP COVER.
- Remove the REAR COVER.
- Remove the RECEIVER PWB.

(1) Remove the [CN001] / [CN002] / [CN00D] / [CN00F] / [CN00G] / [CN00K] / [CNJ0J1] / [CNJ0J2] connector on the ANLOG SIGNAL PWB.
(2) Remove the 2 screws **[X]**, then remove the ANLOG SYGNAL PWB.

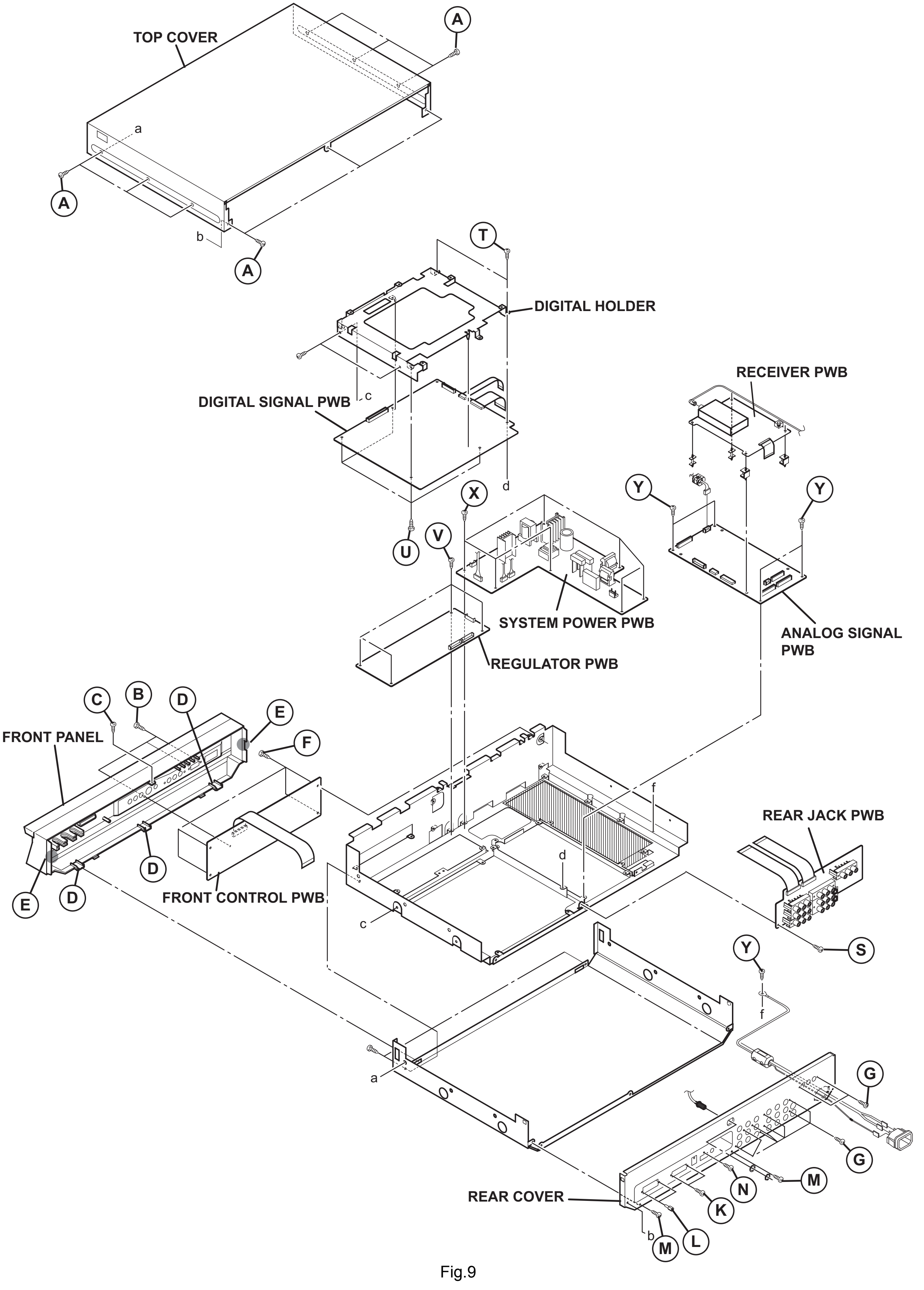

TOP COVER
A
a
A
b
A
T
DIGITAL HOLDER
c
DIGITAL SIGNAL PWB
d
RECEIVER PWB
Y
Y
X
V
U
SYSTEM POWER PWB
ANALOG SIGNAL PWB
REGULATOR PWB
C
B
D
E
F
FRONT PANEL
f
d
D
E
D
FRONT CONTROL PWB
c
REAR JACK PWB
S
Y
f
a
G
G
M
N
K
REAR COVER
L
b
M

Fig.9

3.3 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.3.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off
Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC
Be sure to use the memory IC written with the initial setting values.

3. Power on
Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting
Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting
Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting
Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.3.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

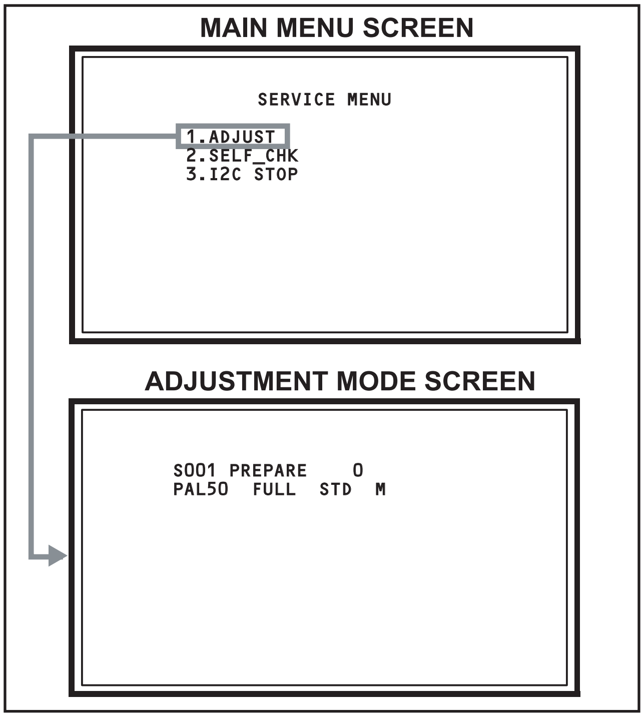


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Fixed	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.3.3 SETTINGS OF FACTORY SHIPMENT

3.3.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

3.3.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
CINEMA	OFF

3.3.3.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item		Setting position
PICTURE MODE		STANDARD
WHITE BALANCE		MID
FEATURES		
DIGITAL VNR		AUTO (HIGH)
Super DigiPure		AUTO
PULL DOWN		AUTO
COLOUR MANAGEMENT		ON
PICTURE MANAGEMENT		ON
COLOUR SYSTEM	MAIN	Depends on PR/CH
	SUB	AUTO
4:3 AUTO ASPECT		PANORAMIC

(2) SOUND

Setting item	Setting position
STEREO / I•II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
CINEMA SURROUND	OFF
A.H.B.	ON
BBE	ON
SPEAKER	TV

(4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
APPEARANCE	TYPE D
BLUE BACK	ON
CHILD LOCK	ID NO.0000, All CH off
AUTO SHUTOFF	OFF
FAVOURITE SETTING	RESET

(5) SET UP

Setting item		Setting position
AUTO PROGRAM		TV channel automatically set
EDIT/MANUAL		PRESET CH only
LANGUAGE		ENGLISH
VIDEO-1 SETTING		COMPONENT
VIDEO-3 SETTING		COMPONENT
AI VOLUME		ON
TELETEXT LANGUAGE		GROUP-1
PICTURE SHIFT		FAST
HDMI SETTING	SIZE	1
	AUDIO	DIGITAL

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

(1) Avoid heating for more than 3 seconds.
(2) Do not rub the electrodes and the resist parts of the pattern.
(3) When removing a chip part, melt the solder adequately.
(4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

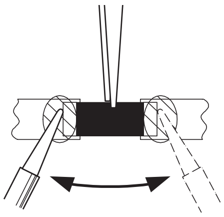
(1) Use a high insulation soldering iron with a thin pointed end of it.
(2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

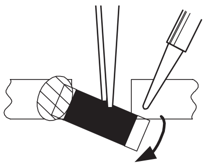
1. How to remove Chip parts

[Resistors, capacitors, etc.]

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.

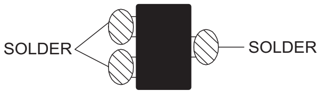


(2) Shift with the tweezers and remove the chip part.

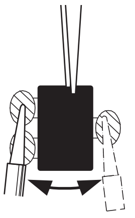


[Transistors, diodes, variable resistors, etc.]

(1) Apply extra solder to each lead.



(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



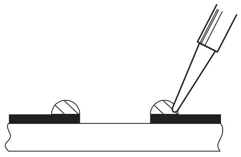
NOTE :

After removing the part, remove remaining solder from the pattern.

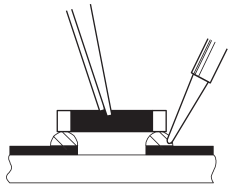
2. How to install Chip parts

[Resistors, capacitors, etc.]

(1) Apply solder to the pattern as indicated in the figure.

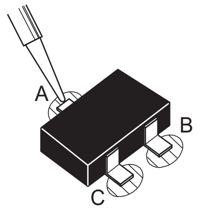


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

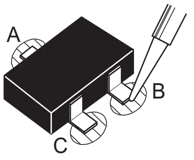


[Transistors, diodes, variable resistors, etc.]

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



SECTION 4
ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

(1) **There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
(2) **The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
(3) Make sure that connection is correctly made AC to AC power source.
(4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
(5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
(6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
WHITE BALANCE	MID
DIGITAL VNR	MIN
Super DigiPure	AUTO
PULL DOWN	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	Centre
BBE	OFF
CINEMA SORROUND	OFF
A.H.B	OFF
ZOOM	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
  [PAL / 625i / 625p / 1125i(50Hz)]
- Remote control unit

4.4 ADJUSTMENT ITEMS

■ **POWER CIRCUIT [DISPLAY UNIT]**
- PDP POWER VOLTAGE adjustment

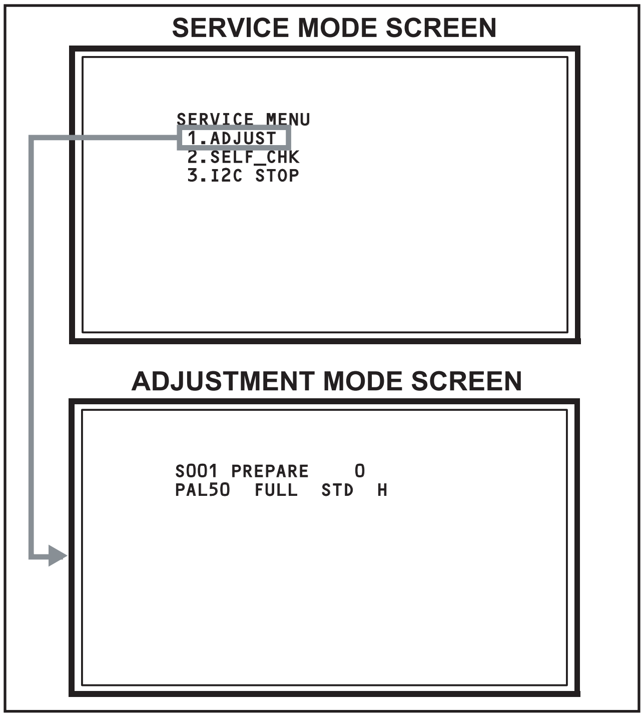
■ **VIDEO CIRCUIT [RECEIVER UNIT]**
- 625i A-D OFFSET adjustment
- 1125i(50Hz) BRIGHTNESS adjustment
- 1125i(50Hz) A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

(1) Press [DISPLAY] key and [MUTING] key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.
(2) In the SERVICE MENU, press the [1] key to display ADJUSTMENT MODE SCREEN.

NOTE:
- Before entering the SERVICE MODE, confirm that the setting of PIP/TV/DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] to [3] key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.
  This is not used in the adjustment procedure. Press the [MENU] key to return to the SERVICE MODE SCREEN.



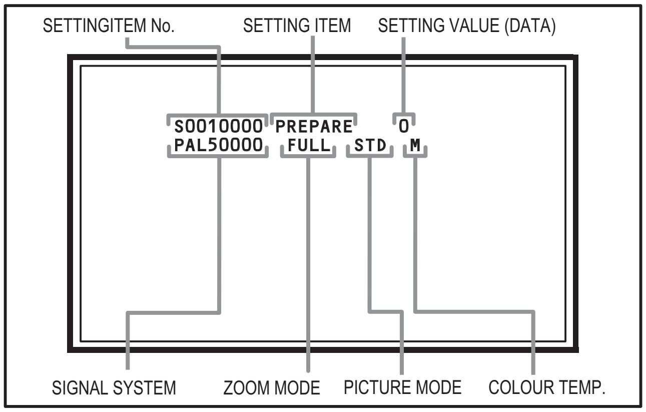
```
SERVICE MENU
 1.ADJUST
 2.SELF_CHK
 3.I2C STOP
```

```
S001 PREPARE     0
PAL50  FULL  STD  H
```

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [MENU] key to exit the Service mode.

4.5.3 DESCRIPTION OF STATUS DISPLAY


SETTINGITEM No.
SETTING ITEM
SETTING VALUE (DATA)
S0010000 PREPARE 0
PAL50000 FULL STD M
SIGNAL SYSTEM
ZOOM MODE
PICTURE MODE
COLOUR TEMP.

(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
PAL60 : PAL60Hz (Composite / S-video)
SECAM : SECAM
NTSC3 : NTSC3.58
NTSC4 : NTSC4.43
525I : 525i (Component)
525P : 525p
625I : 625i (Component)
625P : 625p
1125I5 : 1125i 50Hz
1125I6 : 1125i 60Hz
PCVGA : PC (VGA)
PCXGA : PC (XGA)
H525I : HDMI 525i
H525P : HDMI 525p
H625I : HDMI 625i
H625P : HDMI 625p
H750P : HDMI 750p
H125I5 : HDMI 1125i 50Hz
H125I6 : HDMI 1125i 60Hz

(2) ZOOM MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL : FULL
PANO : PANORAMIC
1609 : 16:9 ZOOM
1609S : 16:9 ZOOM SUBTITLE
1409 : 14:9 ZOOM
REGU : REGULAR

MULTI SCREEN

M2 : 2-pictures multi
M12 : 12-pictures multi

(3) PICTURE MODE

STD : STANDARD
BRI : BRIGHT
SOFT : SOFT

(4) WHITE BALANCE

L : WARM
H : MID, COOL

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S039	Video system setting
T001 - T010	Audio system setting
P001 - P010	Panel control system setting
D001 - D187	Drive system setting
Z001 - Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- [FUNCTION ▲/▼] key.
  For scrolling up / down the setting items.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

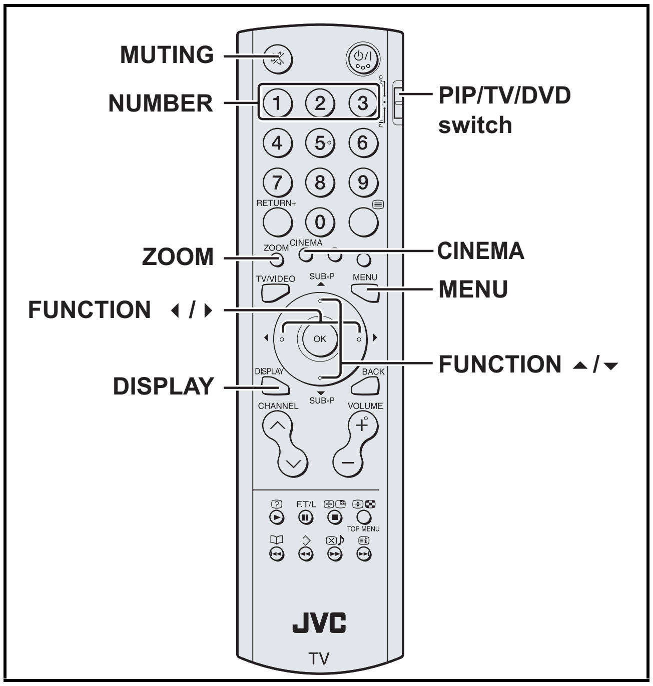
CHANGE OF SETTING VALUE (DATA)

- [FUNCTION ◀ / ▶] key.
  For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing [MUTING] key.

4.5.5 SERVICE MODE SELECT KEY LOCATION


MUTING
NUMBER
PIP/TV/DVD switch
ZOOM
CINEMA
MENU
FUNCTION ◀ / ▶
FUNCTION ▲/▼
DISPLAY
RETURN+
TV/VIDEO
SUB-P
OK
BACK
CHANNEL
VOLUME
F.T/L
TOP MENU
JVC
TV

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
S001	PREPARE	0 - 31	0	0	0
S002	NTSC BL	0 - 15	0	0	0
S003	NTSC CNT	0 - 255	39	39	39
S004	NT CR OF	0 - 15	7	7	7
S005	NT CB OF	0 - 15	7	7	7
S006	525i BL	0 - 15	0	0	0
S007	525i CNT	0 - 255	39	39	39
S008	5i CB OF	0 - 15	0	0	0
S009	5i CR OF	0 - 15	0	0	0
S010	5i CR GN	0 - 15	7	7	7
S011	5i CB GN	0 - 15	7	7	7
S012	HD BL	0 - 63	54	54	54
S013	HD CB OF	0 - 63	52	52	52
S014	HD CR OF	0 - 63	55	55	55
S015	RT CONT	0 - 15	7	7	7
S016	RT CB OF	0 - 15	2	2	2
S017	RT CR OF	0 - 15	5	5	5
S018	RT CL GA	0 - 15	4	4	4
S019	PC CL MB	0 - 7	0	0	0
S020	PC CL LB	0 - 31	0	0	0
S021	PC CL MR	0 - 71	0	0	0
S022	PC CL LR	0 - 31	0	0	0
S023	(Not display)	0 - 255	0	0	0
S024	(Not display)	0 - 255	0	0	0
S025	(Not display)	0 - 255	0	0	0
S026	(Not display)	0 - 255	0	0	0
S027	(Not display)	0 - 255	0	0	0
S028	(Not display)	0 - 255	0	0	0
S029	(Not display)	0 - 255	0	0	0
S030	R DRIVE	0 - 255	104	104	104
S031	G DRIVE	0 - 255	133	133	133
S032	B DRIVE	0 - 255	130	130	130
S033	(Not display)	0 - 255	0	0	0
S034	(Not display)	0 - 255	0	0	0
S035	(Not display)	0 - 255	0	0	0
S036	(Not display)	0 - 255	0	0	0
S037	(Not display)	0 - 255	0	0	0
S038	(Not display)	0 - 255	0	0	0
S039	ILA COM	0 - 1	0	0	0

4.6.2 AUDIO SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
T001	IN LEVEL	0 - 255	0	0	0
T002	LOW SEP	0 - 255	0	0	0
T003	HIGH SEP	0 - 255	0	0	0
T004	AFC	0 - 255	0	0	0
T005	(Not display)	0 - 255	0	0	0
T006	ATT V ON	0 - 1	0	0	0
T007	ATT U ON	0 - 1	0	0	0
T008	ATT C ON	0 - 1	0	0	0
T009	(Not display)	0 - 255	0	0	0
T010	(Not display)	0 - 255	0	0	0

4.6.3 PANEL CONTOROL SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
P001	TM HOR H	00 - FF	00	00	00
P002	TM HOR L	00 - FF	A6	A6	A6
P003	TM MIN	00 - FF	33	33	33
P004	TEMP0	0 - 255	39	39	39
P005	(Not display)	0 - 255	0	0	0
P006	(Not display)	0 - 255	0	0	0
P007	(Not display)	0 - 255	0	0	0
P008	(Not display)	0 - 255	0	0	0
P009	(Not display)	0 - 255	0	0	0
P010	(Not display)	0 - 255	0	0	0

4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D001	SLV GN	00 - 3F	20	20	20
D002	SLVH GN	00 - 3F	20	20	20
D003	SLH GN	00 - 3F	20	20	20
D004	SLV Pf	00 - 03	01	01	01
D005	SLH Pf H	00 - 01	01	01	01
D006	SLH Pf L	00 - 03	01	01	01
D007	SL EGCON	00 - 3F	07	07	07
D008	SL EGONF	00 - 01	01	01	01
D009	SL CRGON	00 - 3F	04	04	04
D010	SL CRGON	00 - 01	01	01	01
D011	SL ON OF	00 - 01	01	01	01
D012	SV GN	00 - 3F	17	17	17
D013	SVH GN	00 - 3F	15	15	15
D014	SH GN	00 - 3F	26	26	26
D015	SV Pf	00 - 03	01	01	01
D016	SV PfH	00 - 01	01	01	01

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D017	SV PfL	00 - 03	01	01	01
D018	SYL CON	00 - 3F	25	25	25
D019	SYL CONF	00 - 01	01	01	01
D020	SYH CON	00 - 3F	22	22	22
D021	SYH CONF	00 - 01	01	01	01
D022	SC CON	00 - 3F	33	33	33
D023	SC CNONF	00 - 01	01	01	01
D024	SPM BLC	00 - 3F	08	08	08
D025	SPM BLCO	00 - 01	01	01	01
D026	SLIM	00 - 3F	30	30	30
D027	SLIMONF	00 - 01	01	01	01
D028	SCRG	00 - 3F	03	03	03
D029	SRGONF	00 - 01	01	01	01
D030	S ONF	00 - 01	01	01	01
D031	pb GN	00 - 3F	1F	1F	1F
D032	pb PfH	00 - 01	00	00	00
D033	pb PfL	00 - 03	03	03	03
D034	pb CRG	00 - 3F	03	03	03
D035	pb CRGON	00 - 01	01	01	01
D036	pb ONF	00 - 01	01	01	01
D037	pr GN	00 - 3F	1F	1F	1F
D038	pr PfH	00 - 01	00	00	00
D039	pr PfL	00 - 03	03	03	03
D040	pr CRG	00 - 3F	03	03	03
D041	pr CRGON	00 - 01	01	01	01
D042	pr ONF	00 - 01	01	01	01
D043	ENH ONF	00 - 01	01	01	01
D044	(Not display)	00 - FF	00	00	00
D045	(Not display)	00 - FF	00	00	00
D046	(Not display)	00 - FF	00	00	00
D047	(Not display)	00 - FF	00	00	00
D048	(Not display)	00 - FF	00	00	00
D049	(Not display)	00 - FF	00	00	00
D050	(Not display)	00 - FF	00	00	00
D051	(Not display)	00 - FF	00	00	00
D052	(Not display)	00 - FF	00	00	00
D053	(Not display)	00 - FF	00	00	00
D054	(Not display)	00 - FF	00	00	00
D055	(Not display)	00 - FF	00	00	00
D056	(Not display)	00 - FF	00	00	00
D057	(Not display)	00 - FF	00	00	00
D058	(Not display)	00 - FF	00	00	00
D059	(Not display)	00 - FF	00	00	00
D060	(Not display)	00 - FF	00	00	00
D061	(Not display)	00 - FF	00	00	00
D062	(Not display)	00 - FF	00	00	00
D063	(Not display)	00 - FF	00	00	00
D064	(Not display)	00 - FF	00	00	00
D065	(Not display)	00 - FF	00	00	00

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D066	(Not display)	00 - FF	00	00	00
D067	(Not display)	00 - FF	00	00	00
D068	(Not display)	00 - FF	00	00	00
D069	(Not display)	00 - FF	00	00	00
D070	(Not display)	00 - FF	00	00	00
D071	(Not display)	00 - FF	00	00	00
D072	(Not display)	00 - FF	00	00	00
D073	(Not display)	00 - FF	00	00	00
D074	(Not display)	00 - FF	00	00	00
D075	(Not display)	00 - FF	00	00	00
D076	(Not display)	00 - FF	00	00	00
D077	(Not display)	00 - FF	00	00	00
D078	(Not display)	00 - FF	00	00	00
D079	(Not display)	00 - FF	00	00	00
D080	(Not display)	00 - FF	00	00	00
D081	(Not display)	00 - FF	00	00	00
D082	(Not display)	00 - FF	00	00	00
D083	(Not display)	00 - FF	00	00	00
D084	(Not display)	00 - FF	00	00	00
D085	(Not display)	00 - FF	00	00	00
D086	(Not display)	00 - FF	00	00	00
D087	(Not display)	00 - FF	00	00	00
D088	(Not display)	00 - FF	00	00	00
D089	(Not display)	00 - FF	00	00	00
D090	(Not display)	00 - FF	00	00	00
D091	(Not display)	00 - FF	00	00	00
D092	(Not display)	00 - FF	00	00	00
D093	(Not display)	00 - FF	00	00	00
D094	(Not display)	00 - FF	00	00	00
D095	(Not display)	00 - FF	00	00	00
D096	(Not display)	00 - FF	00	00	00
D097	(Not display)	00 - FF	00	00	00
D098	(Not display)	00 - FF	00	00	00
D099	(Not display)	00 - FF	00	00	00
D100	(Not display)	00 - FF	00	00	00
D101	(Not display)	00 - FF	00	00	00
D102	(Not display)	00 - FF	00	00	00
D103	(Not display)	00 - FF	00	00	00
D104	(Not display)	00 - FF	00	00	00
D105	(Not display)	00 - FF	00	00	00
D106	(Not display)	00 - FF	00	00	00
D107	(Not display)	00 - FF	00	00	00
D108	(Not display)	00 - FF	00	00	00
D109	(Not display)	00 - FF	00	00	00
D110	(Not display)	00 - FF	00	00	00
D111	(Not display)	00 - FF	00	00	00
D112	(Not display)	00 - FF	00	00	00
D113	(Not display)	00 - FF	00	00	00
D114	(Not display)	00 - FF	00	00	00

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
D115	(Not display)	00 - FF	00	00	00
D116	(Not display)	00 - FF	00	00	00
D117	(Not display)	00 - FF	00	00	00
D118	(Not display)	00 - FF	00	00	00
D119	(Not display)	00 - FF	00	00	00
D120	(Not display)	00 - FF	00	00	00
D121	(Not display)	00 - FF	00	00	00
D122	(Not display)	00 - FF	00	00	00
D123	(Not display)	00 - FF	00	00	00
D124	(Not display)	00 - FF	00	00	00
D125	(Not display)	00 - FF	00	00	00
D126	(Not display)	00 - FF	00	00	00
D127	(Not display)	00 - FF	00	00	00
D128	(Not display)	00 - FF	00	00	00
D129	(Not display)	00 - FF	00	00	00
D130	(Not display)	00 - FF	00	00	00
D131	(Not display)	00 - FF	00	00	00
D132	(Not display)	00 - FF	00	00	00
D133	(Not display)	00 - FF	00	00	00
D134	(Not display)	00 - FF	00	00	00
D135	(Not display)	00 - FF	00	00	00
D136	(Not display)	00 - FF	00	00	00
D137	(Not display)	00 - FF	00	00	00
D138	(Not display)	00 - FF	00	00	00
D139	(Not display)	00 - FF	00	00	00
D140	(Not display)	00 - FF	00	00	00
D141	(Not display)	00 - FF	00	00	00
D142	(Not display)	00 - FF	00	00	00
D143	(Not display)	00 - FF	00	00	00
D144	(Not display)	00 - FF	00	00	00
D145	(Not display)	00 - FF	00	00	00
D146	(Not display)	00 - FF	00	00	00
D147	(Not display)	00 - FF	00	00	00
D148	(Not display)	00 - FF	00	00	00
D149	(Not display)	00 - FF	00	00	00
D150	(Not display)	00 - FF	00	00	00
D151	(Not display)	00 - FF	00	00	00
D152	(Not display)	00 - FF	00	00	00
D153	(Not display)	00 - FF	00	00	00
D154	(Not display)	00 - FF	00	00	00
D155	(Not display)	00 - FF	00	00	00
D156	(Not display)	00 - FF	00	00	00
D157	(Not display)	00 - FF	00	00	00
D158	(Not display)	00 - FF	00	00	00
D159	(Not display)	00 - FF	00	00	00
D160	(Not display)	00 - FF	00	00	00
D161	(Not display)	00 - FF	00	00	00
D162	(Not display)	00 - FF	00	00	00
D163	(Not display)	00 - FF	00	00	00
D164	(Not display)	00 - FF	00	00	00
D165	(Not display)	00 - FF	00	00	00
D166	(Not display)	00 - FF	00	00	00
D167	(Not display)	00 - FF	00	00	00
D168	(Not display)	00 - FF	00	00	00
D169	(Not display)	00 - FF	00	00	00
D170	(Not display)	00 - FF	00	00	00
D171	(Not display)	00 - FF	00	00	00
D172	(Not display)	00 - FF	00	00	00
D173	(Not display)	00 - FF	00	00	00
D174	(Not display)	00 - FF	00	00	00
D175	(Not display)	00 - FF	00	00	00
D176	(Not display)	00 - FF	00	00	00
D177	(Not display)	00 - FF	00	00	00
D178	(Not display)	00 - FF	00	00	00
D179	(Not display)	00 - FF	00	00	00
D180	(Not display)	00 - FF	00	00	00
D181	(Not display)	00 - FF	00	00	00
D182	(Not display)	00 - FF	00	00	00
D183	(Not display)	00 - FF	00	00	00
D184	(Not display)	00 - FF	00	00	00
D185	(Not display)	00 - FF	00	00	00
D186	(Not display)	00 - FF	00	00	00
D187	(Not display)	00 - FF	00	00	00

4.6.5 MAIN CPU SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value		
			PAL	SECAM	NTSC
Z001	(Not display)	00 - FF	00	00	00
Z002	(Not display)	00 - FF	00	00	00
Z003	(Not display)	00 - FF	00	00	00
Z004	(Not display)	00 - FF	00	00	00
Z005	(Not display)	00 - FF	00	00	00
Z006	(Not display)	00 - FF	00	00	00
Z007	(Not display)	00 - FF	00	00	00
Z008	(Not display)	00 - FF	00	00	00
Z009	(Not display)	00 - FF	00	00	00
Z010	(Not display)	00 - FF	00	00	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 POWER CIRCUIT [DISPLAY UNIT]

Item	Measuring instrument	Test point	Adjustment part	Description
PDP POWER VOLTAGE	Signal generator DC voltmeter	Connector CN806 Vs Va [MAIN POWER UNIT]	Vs VR:190V ADJ (R551) Va VR:60V ADJ (R351) [MAIN POWER UNIT]	**CAUTION:** • During adjustment operation of PDP POWER VOLTAGE, don't touch the heat sink of the MAIN POWER UNIT. If you touch it, electric shock may be caused. **< When MAIN POWER UNIT is not replaced >** (1) Connect the DC voltmeter to the CN806 connector and turn on the power. (See Fig.2) (2) Adjust Vs (190V ADJ) VR and Va (60V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (3) Input a PAL all-black signal and check that it coincides with the values in the voltage label. (4) Readjust if the adjusted value is different from those in the voltage label. **NOTE:** • Designed value for the panel is printed on a label on the upper-left at the back of the PDP. (See Fig.3) **< When MAIN POWER UNIT is replaced >** **CAUTION:** • Before making adjustments, be sure not to turn on the power when the CN805 connector are connected, as this may cause the PDP to break down. (1) Disconnect the CN805 connector on the MAIN POWER UNIT. (2) Connect DC voltmeter to the CN806 connector and turn on the power. (See Fig.2) (3) Adjust Vs (190V ADJ) VR and Va (70V ADJ) VR so that the Vs and Va voltage coincides with the values in the voltage label. (4) Turn off the power, and connect the CN805 connector and turn on the power again. (5) Input a PAL all-black signal and check that it coincides with the values in the voltage label. (6) If the adjusted value is different from those in the voltage label, fine-tune without unplugging the connectors. **CAUTION:** • Designated power supply voltage of the panel (Vs, Va) varies according to the PDP unit. • Pay careful attention during adjustment, as any error in procedure may cause the PDP to break down.

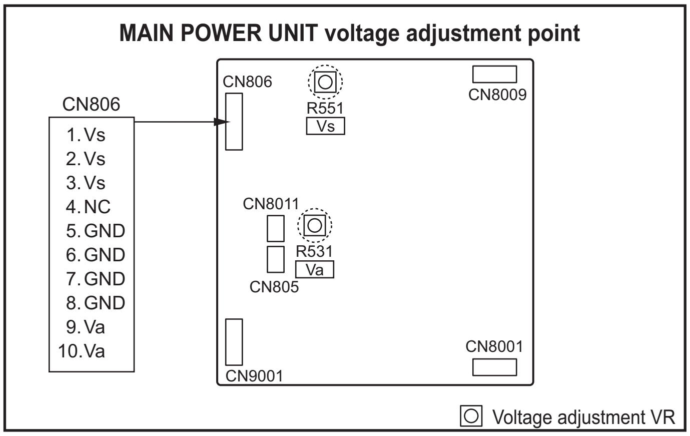

MAIN POWER UNIT voltage adjustment point

Fig.1

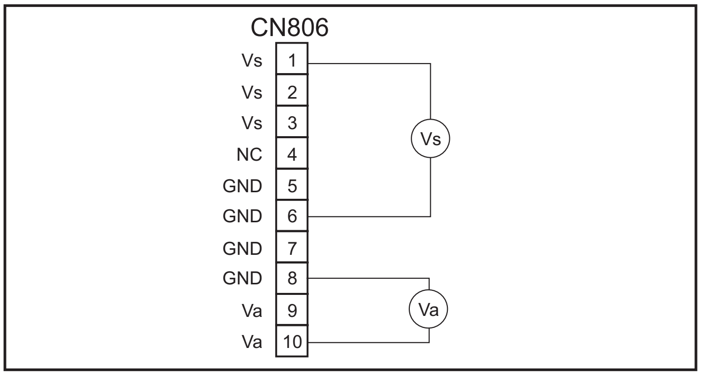
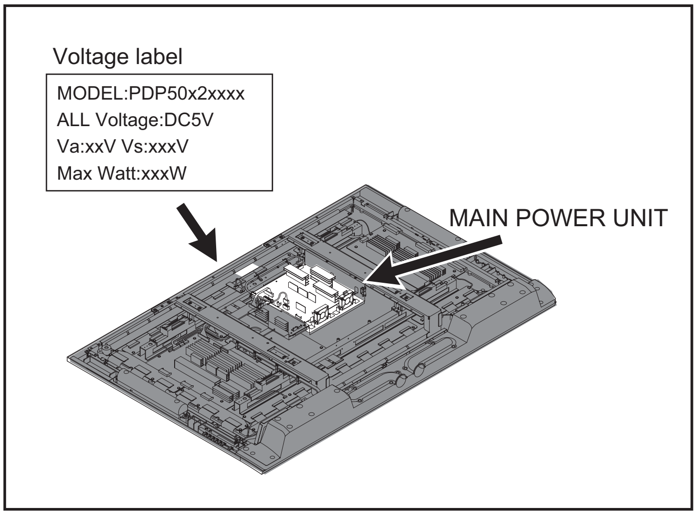


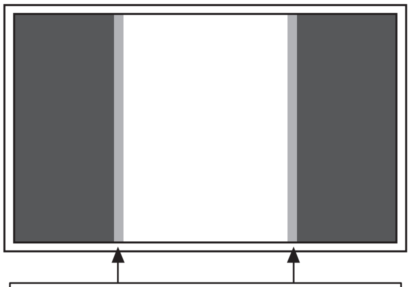
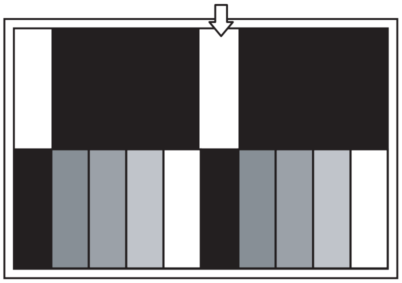
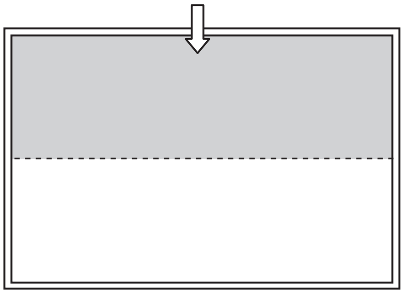
Fig.2

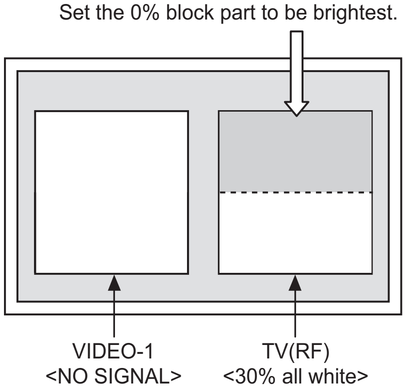

Voltage label

MODEL:PDP50x2xxxx
ALL Voltage:DC5V
Va:xxV Vs:xxxV
Max Watt:xxxW

Fig.3

4.7.2 VIDEO CIRCUIT [RECEIVER UNIT]

Item	Measuring instrument	Test point	Adjustment part	Description
625i **A-D OFFSET**	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S008: 5i CB OF(625i cb offset) S009: 5i CR OF(625i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 625i component ramp pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 >(adjustment setting mode change) to set "8" and it change to the 625i A-D offset adjustment setting mode. (8) Adjust < S008 > (625i Cb offset) and < S009 > (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
 Disappears the color at both ends.				
1125i (50Hz) **BRIGHTNESS**	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S012: HD BL(1125i brightness) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) gray scale pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set the values "12" and it change to the 1125i black level adjustment setting mode. (8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.
Set the 0% black part to be brightest. 				
1125i (50Hz) **A-D OFFSET**	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Receive a 1125i (50Hz) 30% all white pattern signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set "13" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Adjust < S014 > (1125i Cr offset) to minimize the red noise in the upper half of the screen. (10) Set < S001 > to set "0" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.
Minimize the red and blue noises in the upper half of the screen. 				

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET  Set the 0% block part to be brightest. VIDEO-1 <NO SIGNAL> TV(RF) <30% all white>	Remote control unit Signal generator		[1.ADJUST] S001: PREPARE (Adjustment setting mode change) S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset) S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)	(1) Set "PICTURE MODE" to STANDARD. (2) Set "ZOOM" to FULL. (3) Set "WHITE BALANCE" to MID. (4) Set "MULTI SCREEN" to 2 pictures. (5) Receive a PAL 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "133". (8) Set < S001 > (adjustment setting mode change) to set "17" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. **If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode.** (10) Set < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.9) (12) Set < S001 > to set "0" and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)	(1) Receive a PAL 75% all white signal. (2) Set "PICTURE MODE" to STANDARD. (3) Set "ZOOM" to FULL. (4) Set "WHITE BALANCE" to MID. (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout. **NOTE:** Set one or more of < S030 >, < S031 >, and < S032 > to "85". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value.

SECTION 5
TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure.Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time.Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I^2C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of PIP/TV/ DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

(1) Press [DISPLAY] key and [MUTING] key simultaneously, then enter the SERVICE MODE.
(2) Press the [2] key SELF CHECK MODE.
(3) Press the [ZOOM] key to enter Page 2 of the SELF CHECK MODE.
*Use the [CINEMA] key to toggle between Page 1 and Page 2.

NOTE:

When a number key other than the [1] to [3] key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.
This is not used in the adjustment procedure. Press the [MENU] key to return to the MAIN MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

To Clear (Reset) Failure History:

Turn off the power by pressing the [POWER] key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

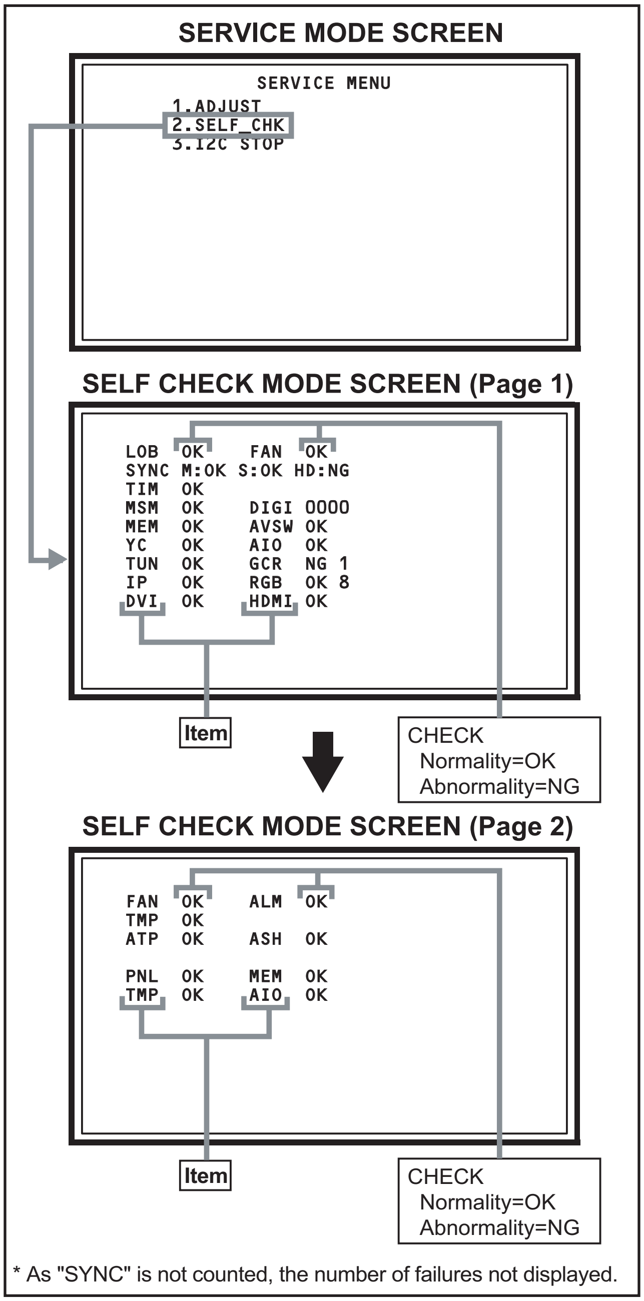
Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be iagnosed as "Abnormal" and displayed and counted as "NG".

(1) Temporary defective transmissions across circuits due to pulse interruptions
(2) Misalignment in the on/off timing of power for I^2C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis reults.



```
        SERVICE MENU
  1.ADJUST
  2.SELF_CHK
  3.I2C STOP
```

```
LOB  OK    FAN  OK
SYNC M:OK S:OK HD:NG
TIM  OK
MSM  OK    DIGI 0000
MEM  OK    AVSW OK
YC   OK    AIO  OK
TUN  OK    GCR  NG 1
IP   OK    RGB  OK 8
DVI  OK    HDMI OK
```

```
FAN  OK    ALM  OK
TMP  OK
ATP  OK    ASH  OK

PNL  OK    MEM  OK
TMP  OK    AIO  OK
```

* As "SYNC" is not counted, the number of failures not displayed.

Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen (RECEIVER UNIT) >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirmation of operation of the low bais (2.5V / 3.3V / 5V / 9V) protection circuit. **Q9822 [REGULATOR PWB]**	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Fan lock	FAN	Not used.	---	---
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal **IC201 [ANALOG SIGNAL PWB]**	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Confirmation of ACK (response) signal which uses sync communications with Chassis CPU. **IC7501 [DIGITAL SIGNAL PWB]**	WAKE	If it checks whenever sync communication with Chassis CPUperformed and no reply of ACK signal an error will be counted.
Digital tuner	DIGI	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC7602 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
AV select switch	AVSW	Same as above. **IC301, IC501 [ANALOG SIGNAL PWB]**	SDA	Same as above.
3 dimensions YC separator	YC	Same as above. **IC1001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Multi sound process	AIO	Same as above. **IC3501 [RECEIVER PWB]**	SDA	Same as above.
RF tuner	TUN	Confirmation of reply of ACK signal which uses I^2C communication. **TU3001 [RECEIVER PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I^2C communication. **IC3001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Confirmation of reply of ACK signal which uses I^2C communication. **IC4001 [DIGITAL SIGNAL PWB]**	SDA	If it checks whenever I^2C communication is performed and no reply of ACK signal an error will be counted.
DVI (Digital communication)	DVI	Same as above. **IC6101 [DIGITAL SIGNAL PWB]**	SDA	Same as above.
Digital input	HDMI	Confirmation of reply of ACK signal which uses I^2C communication. **IC8001 [DIGITAL SIGNAL PWB]**	SDA	Same as above.

< Page 2 of screen (DISPLAY UNIT) >

Detection item	Item name	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Confirm the operation of the cooling fan. **IC807 [DISPLAY INTERFACE PWB]**	FAN_LOCK	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms, the power is turned off.
Abnormal of operation of PDP (PANEL)	ALM	Confirm the operation of the panel protection. **[PDP UNIT]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 16ms. If errors continues between 300ms, the power is turned off.
Abnormal rise of temperature in PDP (PANEL)	TMP	It detects whether the temperature in a display unit is normal. **IC8101 [TEMP. SENSOR PWB]**	SDA	Detection starts 8 seconds after the power is turned on. Detection is performed every 0.5 seconds. If a temperature rises beyond the temperature of 71°C for detection of error over the predetermined 120 times, the power is turned off.
Abnormal rise of temperature in AUDIO PWB	ATP	Not used.	---	---
Short circuit detection of AUDIO PWB	ASH	Not used.	---	---
Panel communication	PNL	It confirm whether panel communication is normal. **[PDP UNIT]**	SDA	If it checks whenever I^2C communication is performed, and no reply of ACK signal, an error will be counted.
Panel memory	MEM	Confirmation of reply of ACK signal which uses I^2C communication. **IC805 [INTERFACE PWB]**	SDA	If it checks whenever I^2C communication is performed, and no reply of ACK signal, an error will be counted.
Temp. sensor operation	TMP	Same as above. **IC8101 [TEMP. SENSOR PWB]**	SDA	Same as above.
Audio control	AIO	Same as above. **IC6521 [AUDIO PWB]**	SDA	Same as above.

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

TYPE of error	Item name	POWER LED flash cycle
Low bias line short protection	LOB	Low luminance blue Flash 1.0 second / Low luminance blue Out 1.0 seconds
Abnormal of operation of PDP (PANEL)	ALM	High luminance blue Flash 1.0 second / High luminance blue Out 1.0 seconds
Abnormal rise of temperature in PDP (PANEL)	TMP	High luminance blue Flash 2.0 second / High luminance blue Out 2.0 seconds

< Explanation of operation >

If error is detected, the power is turned off.
Shortly after a power is turned off, POWER LED will be blinked.
Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.

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Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

PDP COLOUR TELEVISION

PD-Z50DX4,
PD-Z50DX4/S

CD-ROM No.SML200502

BASIC CHASSIS
FP2

D.I.S.T.
Digital Image Scaling Technology

CINEMA SURROUND

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HDMI™
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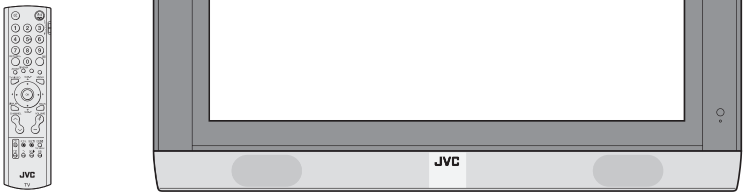
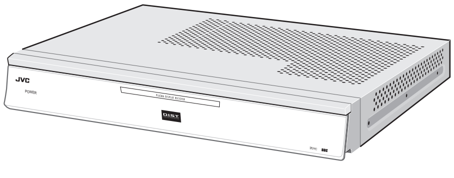


VM-Z50DX4, VM-Z50DX4/S
[PLASMA DISPLAY UNIT]



TU-Z50DX4, TU-Z50DX4/S
[RECEIVER UNIT]

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No.YA229
2005/2

PD-Z50DX4, PD-Z50DX4/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div : V ⇒ 5ms / div : Otthers ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μH]
Others	: As specified

(4)Power Supply

═	: B1	▬ ▬ ▬ ▬	: B2 (12V)
▬ □ ▬ □	: 9V	□ □ □ □	: 5V

∗Respective voltage values are indicated

(5)Test point

◉ : Test point ○ : Only test point display

(6)Connecting method

▭ : Connector ○ : Wrapping or soldering

→≻— →⊁— : Receptacle

(7)Ground symbol

⊥ : LIVE side ground
⏛ : ISOLATED(NEUTRAL) side ground
⏚ : EARTH ground
▽ : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏛) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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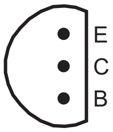
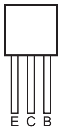
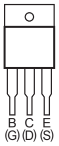
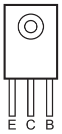
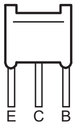
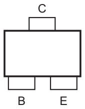
USING P.W. BOARD

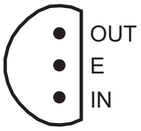
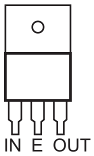
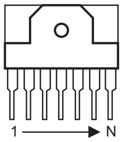
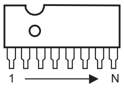
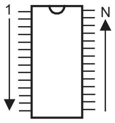
P.W.B ASS'Y name	PD-Z50DX4	PD-Z50DX4/S
RECEIVERPWB	LCA10476-03E (SFP-0F303A)	←
ANALOG SIGNAL PWB	LCA10423-12C (SFP-0A302A)	←
REAR JACK PWB	LCA10444-03B (SFP-0J302A)	←
DIGITAL SIGNAL PWB	LCA10428-41H (SFP-0D307A)	LCA10428-42H (SFP-0D308A)
FRONT CONTROL PWB	LCA10466-04B (SFP-8302A)	←
REGULATOR PWB	LCA10426-13C (SFP-9306A)	LCA10426-14C (SFP-9317A)
SYSTEM POWER PWB	LCA10443-03A (SFP-9316A)	←
DISPLAY INTERFACE PWB	LCA10360-09E (SFP-7307A)	LCA10360-10E (SFP-7308A)
AUDIO PWB	LCA90441-03B (SFP-6009A)	←
TEMP. SENSOR PWB	LCA90146-06B (SFP-8381A)	←
DISPLAY LED PWB	LCA90175-05B (SFP-0L269A)	←
DISPLAY SWITCH PWB	LCA90148-07C (SFP-0L367A)	←
LINE FILTER PWB	LCA90143-13B (SFP-9308A)	LCA90143-14B (SFP-9309A)
SUB POWER PWB	LCA10353-03D (SFP-9312A)	LCA10353-04D (SFP-9313A)

SEMICONDUCTOR SHAPES

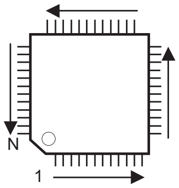
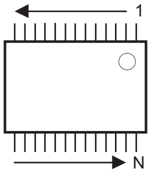
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

IC

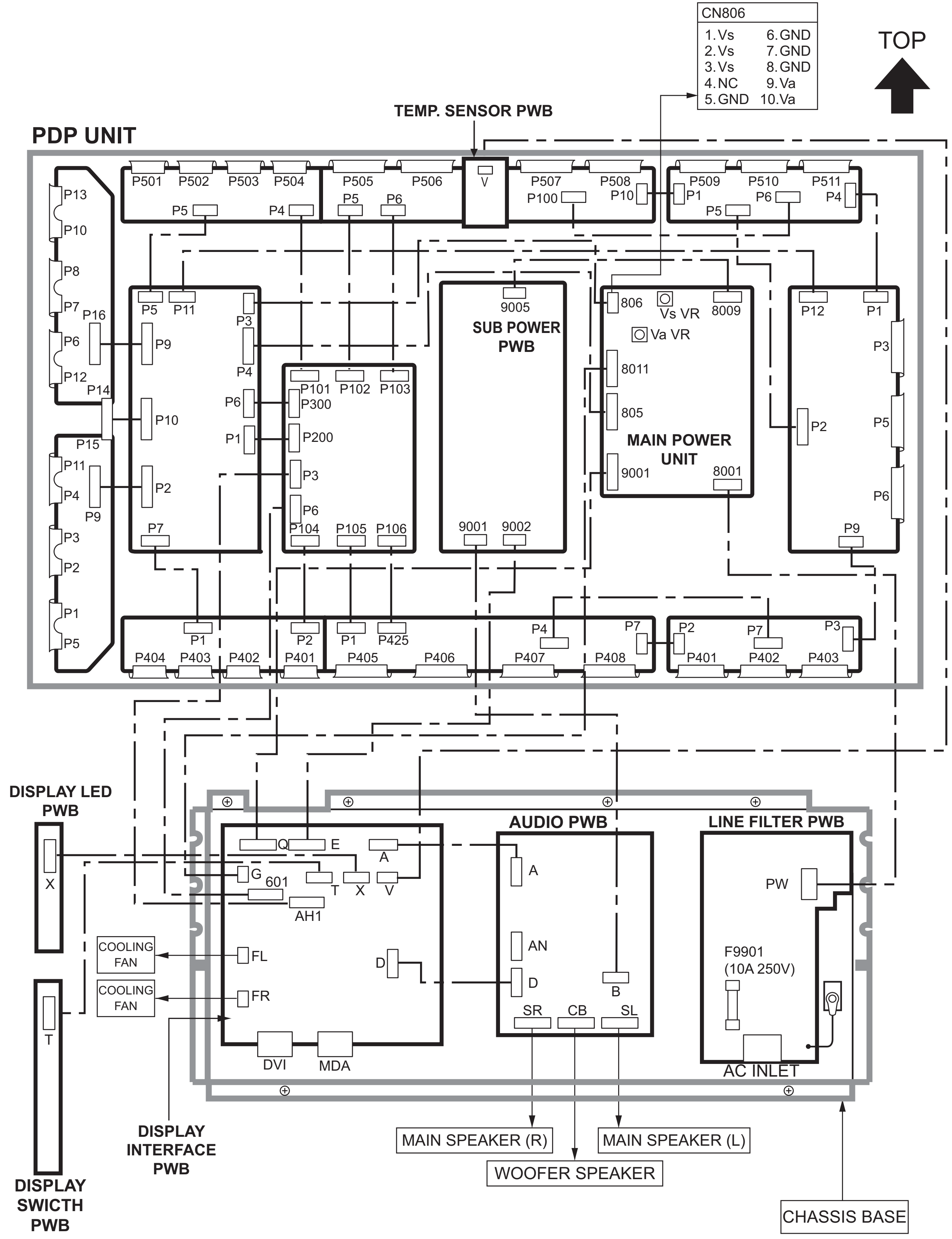
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

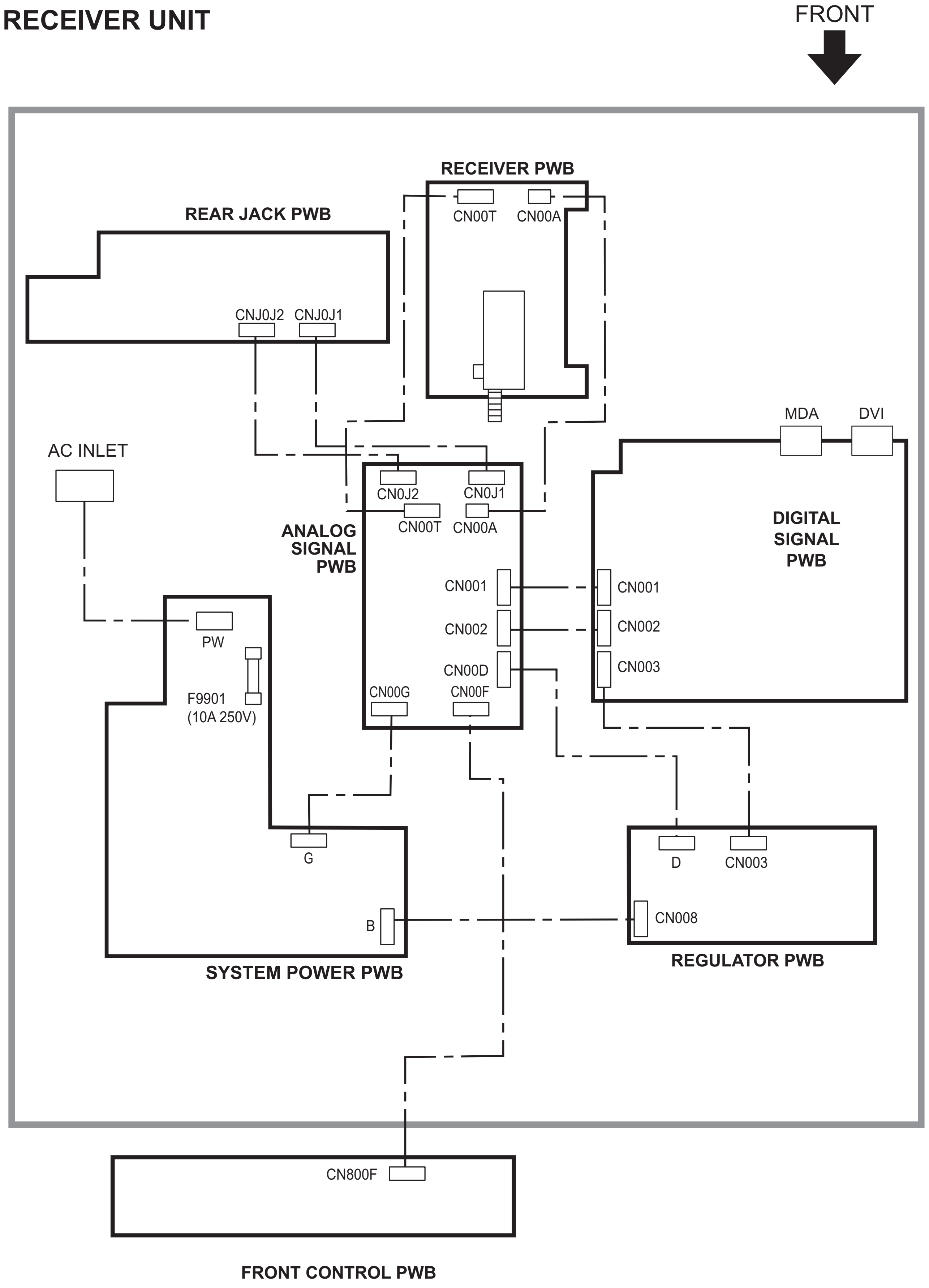
TOP VIEW		
		

WIRING & MAIN PARTS LOCATION

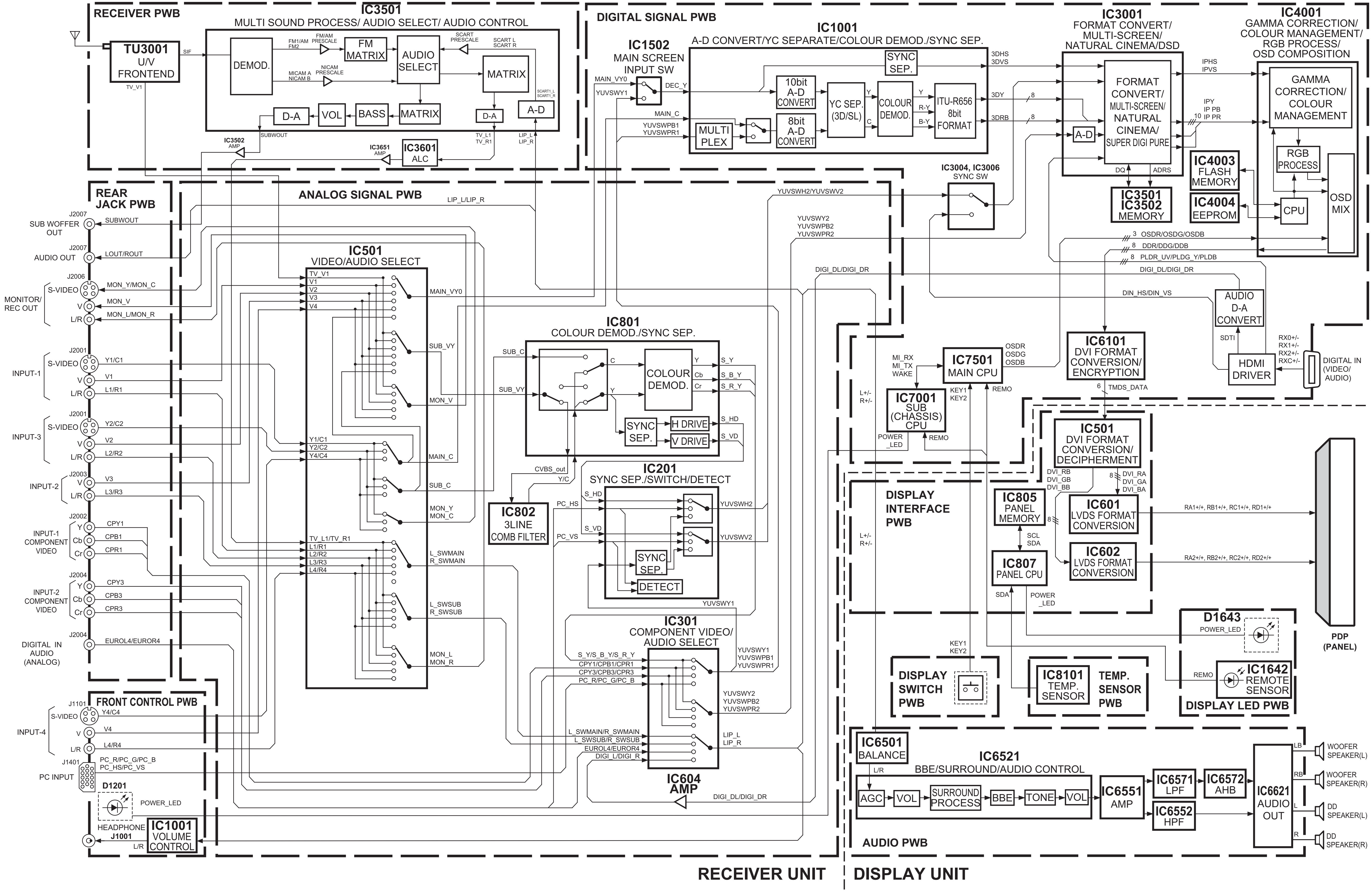
DISPLAY UNIT


CN806
1.Vs 6.GND
2.Vs 7.GND
3.Vs 8.GND
4.NC 9.Va
5.GND 10.Va
TOP
TEMP. SENSOR PWB
PDP UNIT
P501 P502 P503 P504 P505 P506 V P507 P508 P509 P510 P511
P5 P4 P5 P6 P100 P10 P1 P5 P6 P4
P13 P10 P8 P7 P16 P6 P12 P14 P15 P11 P4 P9 P3 P2 P1 P5
P5 P11 P3 P9 P4 P6 P1 P10 P2 P7
P101 P102 P103 P300 P200 P3 P6 P104 P105 P106
9005
SUB POWER PWB
9001 9002
806 Vs VR 8009
Va VR
8011
805
MAIN POWER UNIT
9001 8001
P12 P1 P3 P2 P5 P6 P9
P1 P2 P1 P425 P4 P7 P2 P7 P3
P404 P403 P402 P401 P405 P406 P407 P408 P401 P402 P403
DISPLAY LED PWB
X
Q E A G 601 T X V AH1
COOLING FAN
COOLING FAN
FL FR D
DVI MDA
AUDIO PWB
A AN D B
SR CB SL
LINE FILTER PWB
PW
F9901 (10A 250V)
AC INLET
T
DISPLAY SWICTH PWB
DISPLAY INTERFACE PWB
MAIN SPEAKER (R)
MAIN SPEAKER (L)
WOOFER SPEAKER
CHASSIS BASE

RECEIVER UNIT

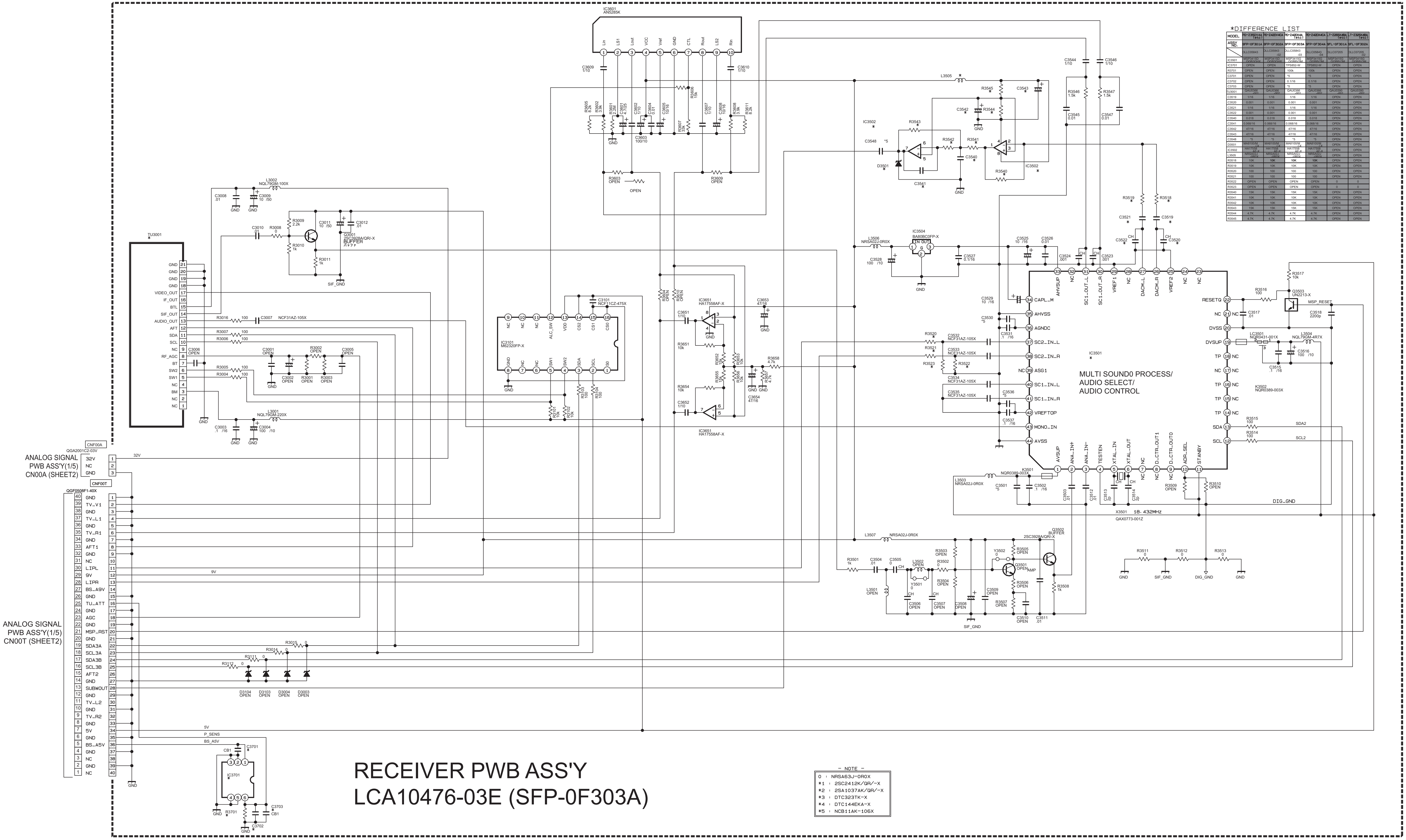

FRONT
RECEIVER PWB
CN00T CN00A
REAR JACK PWB
CNJ0J2 CNJ0J1
AC INLET
MDA DVI
CN0J2 CN0J1
CN00T CN00A
ANALOG SIGNAL PWB
DIGITAL SIGNAL PWB
CN001 CN002 CN00D
CN001 CN002 CN003
CN00G CN00F
PW
F9901 (10A 250V)
G
B
SYSTEM POWER PWB
D CN003
CN008
REGULATOR PWB
CN800F
FRONT CONTROL PWB

BLOCK DIAGRAM


RECEIVER PWB
IC3501
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
TU3001
U/V
FRONTEND
SIF
TV_V1
DEMOD.
FM1/AM
FM2
FM/AM PRESCALE
FM MATRIX
AUDIO SELECT
SCART PRESCALE
SCART L
SCART R
MICAM A
MICAM B
NICAM PRESCALE
MATRIX
SCART1_L
SCART1_R
D-A
VOL
BASS
MATRIX
D-A
A-D
SUBWOUT
TV_L1
TV_R1
LIP_L
LIP_R
IC3502
AMP
IC3651
AMP
IC3601
ALC
DIGITAL SIGNAL PWB
IC1001
A-D CONVERT/YC SEPARATE/COLOUR DEMOD./SYNC SEP.
IC1502
MAIN SCREEN
INPUT SW
MAIN_VY0
YUVSWY1
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
SYNC SEP.
10bit A-D CONVERT
8bit A-D CONVERT
MULTI PLEX
YC SEP. (3D/SL)
COLOUR DEMOD.
ITU-R656 8bit FORMAT
Y
C
R-Y
B-Y
3DHS
3DVS
3DY
3DRB
8
IC3001
FORMAT CONVERT/
MULTI-SCREEN/
NATURAL CINEMA/DSD
FORMAT CONVERT/
MULTI-SCREEN/
NATURAL CINEMA/
SUPER DIGI PURE
A-D
DQ
ADRS
IC3501
IC3502
MEMORY
IC4001
GAMMA CORRECTION/
COLOUR MANAGEMENT/
RGB PROCESS/
OSD COMPOSITION
GAMMA CORRECTION/ COLOUR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
IPHS
IPVS
IPY
IP PB
IP PR
10
IC4003
FLASH MEMORY
IC4004
EEPROM
IC3004, IC3006
SYNC SW
YUVSWH2/YUVSWV2
YUVSWY2
YUVSWPB2
YUVSWPR2
3 OSDR/OSDG/OSDB
8 DDR/DDG/DDB
8 PLDR_UV/PLDG_Y/PLDB
DIGI_DL/DIGI_DR
DIN_HS/DIN_VS
AUDIO D-A CONVERT
SDTI
HDMI DRIVER
RX0+/-
RX1+/-
RX2+/-
RXC+/-
DIGITAL IN (VIDEO/ AUDIO)
REAR JACK PWB
ANALOG SIGNAL PWB
LIP_L/LIP_R
J2007
SUB WOFFER OUT
SUBWOUT
J2007
AUDIO OUT
LOUT/ROUT
J2006
MONITOR/ REC OUT
S-VIDEO
V
L/R
MON_Y/MON_C
MON_V
MON_L/MON_R
J2001
INPUT-1
Y1/C1
V1
L1/R1
J2001
INPUT-3
Y2/C2
V2
L2/R2
J2003
INPUT-2
V3
L3/R3
J2002
INPUT-1 COMPONENT VIDEO
Y
Cb
Cr
CPY1
CPB1
CPR1
J2004
INPUT-2 COMPONENT VIDEO
CPY3
CPB3
CPR3
J2004
DIGITAL IN AUDIO (ANALOG)
EUROL4/EUROR4
IC501
VIDEO/AUDIO SELECT
TV_V1
V1
V2
V3
V4
MAIN_VY0
SUB_VY
MON_V
Y1/C1
Y2/C2
Y4/C4
MAIN_C
SUB_C
MON_Y
MON_C
TV_L1/TV_R1
L1/R1
L2/R2
L3/R3
L4/R4
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
MON_L
MON_R
IC801
COLOUR DEMOD./SYNC SEP.
SUB_C
SUB_VY
C
Y
COLOUR DEMOD.
Cb
Cr
S_Y
S_B_Y
S_R_Y
SYNC SEP.
H DRIVE
V DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3LINE
COMB FILTER
IC201
SYNC SEP./SWITCH/DETECT
PC_HS
PC_VS
S_HD
S_VD
SYNC SEP.
DETECT
YUVSWH2
YUVSWV2
YUVSWY1
IC301
COMPONENT VIDEO/ AUDIO SELECT
S_Y/S_B_Y/S_R_Y
CPY1/CPB1/CPR1
CPY3/CPB3/CPR3
PC_R/PC_G/PC_B
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
L_SWMAIN/R_SWMAIN
L_SWSUB/R_SWSUB
EUROL4/EUROR4
DIGI_L/DIGI_R
LIP_L
LIP_R
IC604
AMP
DIGI_DL/DIGI_DR
FRONT CONTROL PWB
J1101
INPUT-4
S-VIDEO
Y4/C4
V4
L4/R4
J1401
PC INPUT
PC_R/PC_G/PC_B
PC_HS/PC_VS
D1201
POWER_LED
HEADPHONE
J1001
L/R
IC1001
VOLUME CONTROL
IC7501
MAIN CPU
MI_RX
MI_TX
WAKE
OSDR
OSDG
OSDB
KEY1
KEY2
REMO
IC7001
SUB (CHASSIS) CPU
POWER _LED
REMO
L+/-
R+/-
IC6101
DVI FORMAT CONVERSION/ ENCRYPTION
6 TMDS_DATA
IC501
DVI FORMAT CONVERSION/ DECIPHERMENT
DVI_RB
DVI_GB
DVI_BB
DVI_RA
DVI_GA
DVI_BA
DISPLAY INTERFACE PWB
IC805
PANEL MEMORY
SCL
SDA
IC807
PANEL CPU
SDA
POWER _LED
IC601
LVDS FORMAT CONVERSION
IC602
LVDS FORMAT CONVERSION
RA1+/+, RB1+/+, RC1+/+, RD1+/+
RA2+/+, RB2+/+, RC2+/+, RD2+/+
PDP (PANEL)
D1643
POWER_LED
REMO
IC1642
REMOTE SENSOR
DISPLAY LED PWB
KEY1
KEY2
DISPLAY SWITCH PWB
IC8101
TEMP. SENSOR
TEMP. SENSOR PWB
IC6501
BALANCE
L/R
IC6521
BBE/SURROUND/AUDIO CONTROL
AGC
VOL
SURROUND PROCESS
BBE
TONE
VOL
IC6551
AMP
IC6571
LPF
IC6572
AHB
IC6552
HPF
IC6621
AUDIO OUT
LB
RB
L
R
WOOFER SPEAKER(L)
WOOFER SPEAKER(R)
DD SPEAKER(L)
DD SPEAKER(R)
AUDIO PWB
RECEIVER UNIT
DISPLAY UNIT

CIRCUIT DIAGRAMS [RECEIVER UNIT]

RECEIVER PWB CIRCUIT DIAGRAM SHEET 1


IC3601 AN5285K
TU3001
IC3101 M62320FP-X
IC3651 HA17558AF-X
IC3502
IC3504 BA00BC0FP-X
IC3501
MULTI SOUND0 PROCESS/
AUDIO SELECT/
AUDIO CONTROL
Q3001 2SC3928A/QR/-X BUFFER
Q3502 2SC3928A/QR/-X BUFFER
Q3501 AMP
Q3503 UN2213-X
K3502 NQR0389-003X
X3501 18.432MHz QAX0773-001Z
IC3701
ANALOG SIGNAL PWB ASS'Y(1/5) CN00A (SHEET2)
ANALOG SIGNAL PWB ASS'Y(1/5) CN00T (SHEET2)
CNF00A
CNF00T
GND
SIF_GND
DIG_GND

*DIFFERENCE LIST

MODEL	PD-Z35DV4A (etc)	PD-Z42DV4CA	PD-Z42DX4A (etc)	PD-Z42DX4CA	LT-Z26SX4BA (etc)	LT-Z32SX4BA (etc)
ASSY NO.	SFP-0F301A	SFP-0F302A	SFP-0F303A	SFP-0F304A	SFL-0F301A	SFL-0F302A
	OLLC05843	OLLC05843 -02	OLLC05843 -03	OLLC05843 -04	OLLC07205	OLLC07205 -02
IC3501	MSP3415D QGB3GHX	MSP3415D QGB3GHX	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M
IC3701	OPEN	OPEN	TPS852-W	TPS852-W	OPEN	OPEN
R3701	OPEN	OPEN	100k	100k	OPEN	OPEN
C3701	OPEN	OPEN	*5	*5	OPEN	OPEN
C3702	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN
C3703	OPEN	OPEN	*5	*5	OPEN	OPEN
TU3001	QAU0366 -001	QAU0366 -002	QAU0366 -001	QAU0366 -002	QAU0390 -001	QAU0390 -002
C3519	1/16	1/16	1/16	1/16	OPEN	OPEN
C3520	0.001	0.001	0.001	0.001	OPEN	OPEN
C3521	1/16	1/16	1/16	1/16	OPEN	OPEN
C3522	0.001	0.001	0.001	0.001	OPEN	OPEN
C3540	0.018	0.018	0.018	0.018	OPEN	OPEN
C3541	0.068/16	0.068/16	0.068/16	0.068/16	OPEN	OPEN
C3542	47/16	47/16	47/16	47/16	OPEN	OPEN
C3543	47/16	47/16	47/16	47/16	OPEN	OPEN
C3548	*5	*5	*5	*5	OPEN	OPEN
D3501	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	OPEN	OPEN
IC3502	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	OPEN	OPEN
L3505	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN
R3518	10K	10K	10K	10K	OPEN	OPEN
R3519	10K	10K	10K	10K	OPEN	OPEN
R3520	100	100	100	100	OPEN	OPEN
R3521	100	100	100	100	OPEN	OPEN
R3522	OPEN	OPEN	OPEN	OPEN	0	0
R3523	OPEN	OPEN	OPEN	OPEN	0	0
R3540	15K	15K	15K	15K	OPEN	OPEN
R3541	10K	10K	10K	10K	OPEN	OPEN
R3542	10K	10K	10K	10K	OPEN	OPEN
R3543	15K	15K	15K	15K	OPEN	OPEN
R3544	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN
R3545	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN

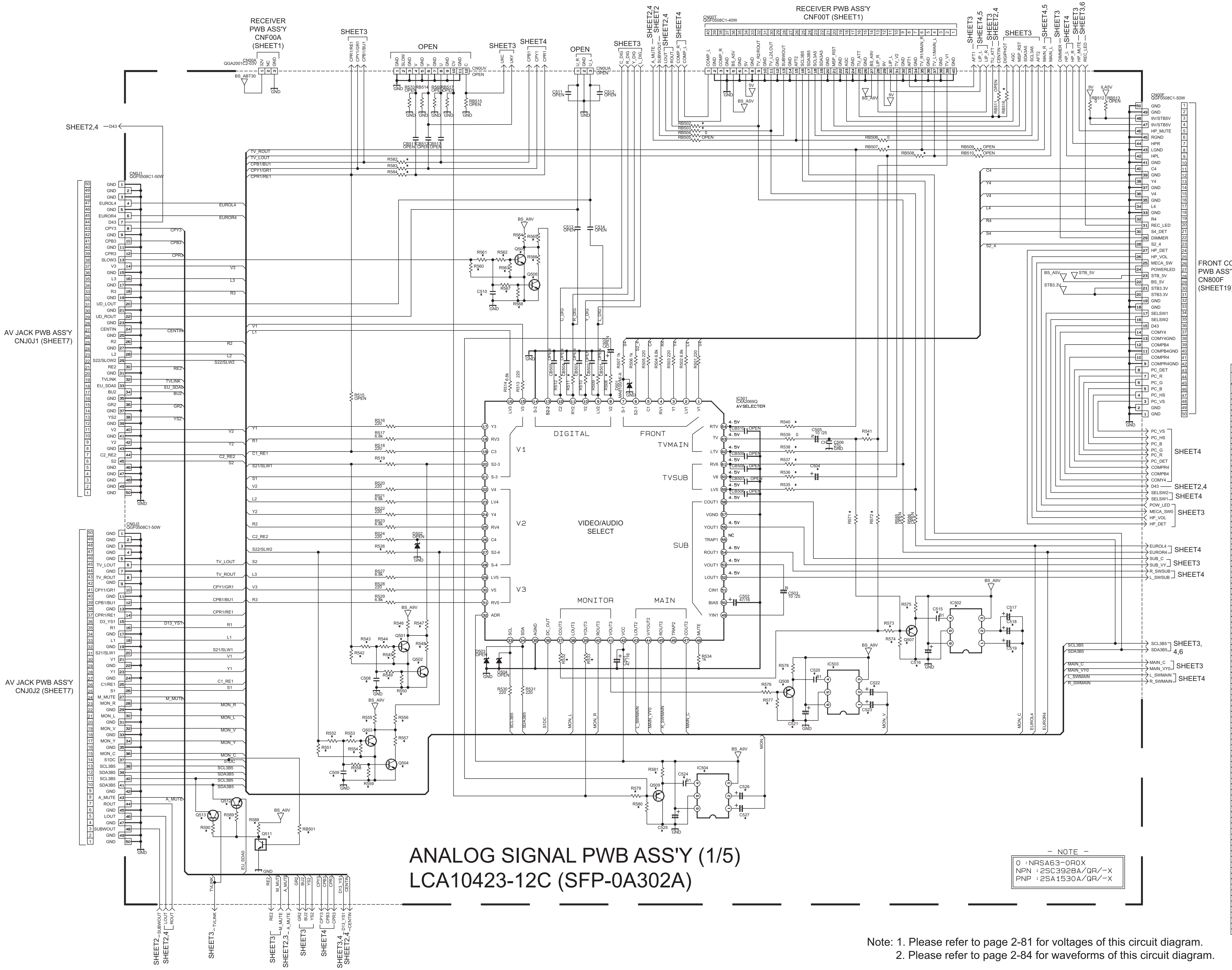
RECEIVER PWB ASS'Y
LCA10476-03E (SFP-0F303A)

– NOTE –

0 : NRSA63J-0R0X
*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : DTC323TK-X
*4 : DTC144EKA-X
*5 : NCB11AK-106X

c10279001b_1102_1/1_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2


RECEIVER PWB ASS'Y CNF00A (SHEET1)
RECEIVER PWB ASS'Y CNF00T (SHEET1)
AV JACK PWB ASS'Y CNJ0J1 (SHEET7)
AV JACK PWB ASS'Y CNJ0J2 (SHEET7)
FRONT CONTROL PWB ASS'Y CN800F (SHEET19)
IC501 CXA2069Q AV SELECTER
VIDEO/AUDIO SELECT
DIGITAL
FRONT
TVMAIN
TVSUB
SUB
MONITOR
MAIN
V1
V2
V3
IC502
IC503
IC504
SHEET2,4
SHEET3
SHEET4
OPEN
BS_A9V
GND

ANALOG SIGNAL PWB ASS'Y (1/5)
LCA10423-12C (SFP-0A302A)

- NOTE -

O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

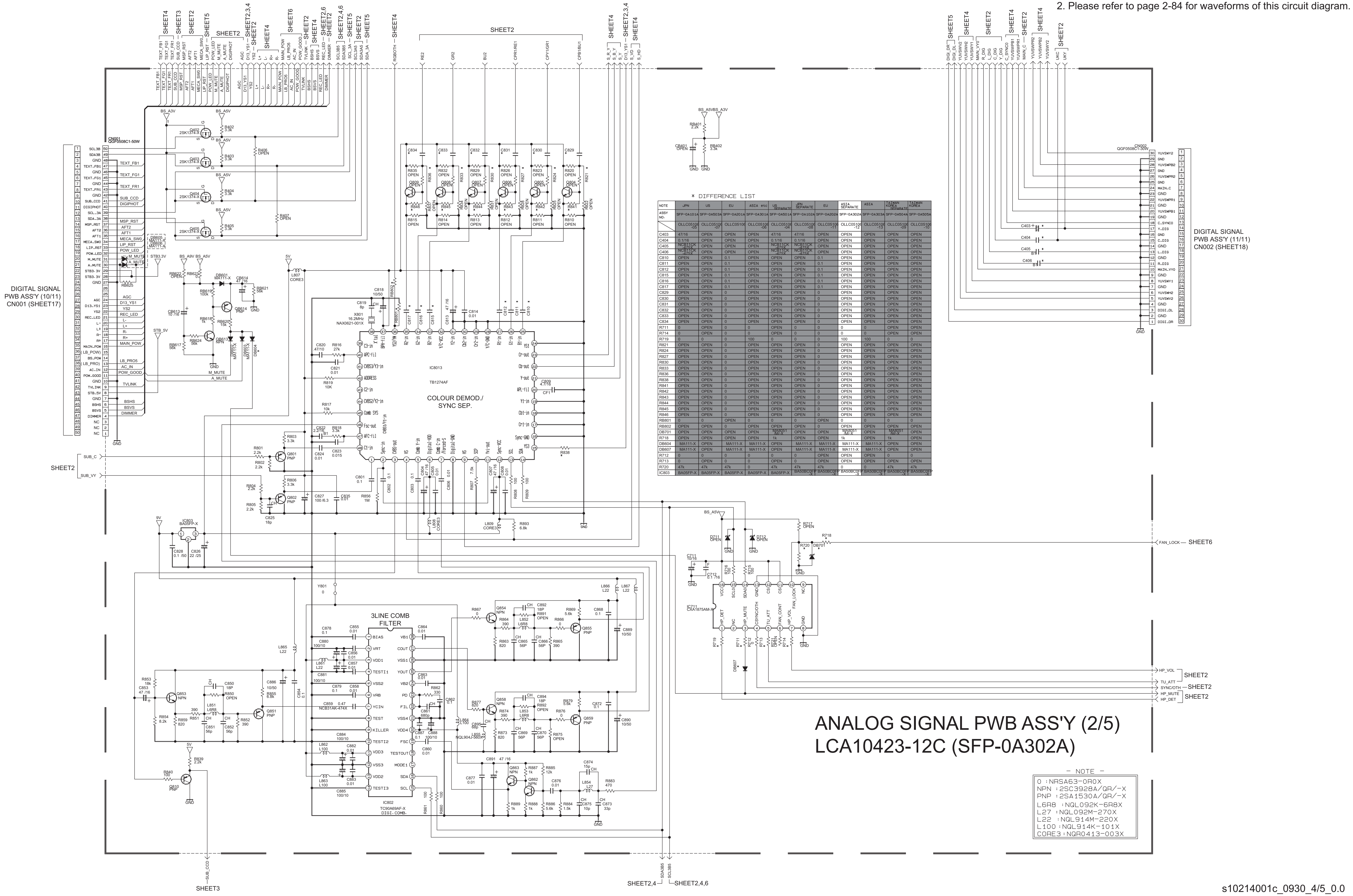
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C504	10/50	OPEN	OPEN	OPEN	OPEN	10/50	OPEN	OPEN	OPEN	OPEN	OPEN
C508	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C509	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C510	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C515	1/16	OPEN	1/16	OPEN	1/16	1/16	1/16	OPEN	OPEN	OPEN	OPEN
C516	10/16	OPEN	10/16	OPEN	10/16	10/16	10/16	OPEN	OPEN	OPEN	OPEN
C517	100/10	OPEN	100/10	OPEN	100/10	100/10	100/10	OPEN	OPEN	OPEN	OPEN
C518	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C519	10/50	OPEN	10/50	OPEN	10/50	10/50	10/50	OPEN	OPEN	OPEN	OPEN
C520	1/16	OPEN	1/16	1/16	1/16	1/16	1/16	1/16	1/16	OPEN	OPEN
C521	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C522	100/10	OPEN	100/10	100/10	100/10	100/10	100/10	100/10	100/10	OPEN	OPEN
C523	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C524	1/16	OPEN	OPEN	OPEN	1/16	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C525	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
C526	100/10	OPEN	OPEN	OPEN	100/10	100/10	OPEN	OPEN	OPEN	OPEN	OPEN
C527	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
IC502	MM1510XN-X	OPEN	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN
IC503	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC504	MM1510XN-X	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN
Q501	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q502	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q503	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q504	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q505	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q506	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q507	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q508	PNP	OPEN	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN
Q509	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q511	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	OPEN
Q512	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q513	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
R508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R509	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R510	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R511	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R512	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R519	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R526	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R532	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R533	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R535	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R536	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R537	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R541	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R542	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R543	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R544	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R545	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R546	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R547	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R548	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R549	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R550	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R551	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R552	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R553	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R554	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R555	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R556	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R557	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R558	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R559	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R560	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R561	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R562	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R563	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R564	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R565	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R566	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R567	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R568	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R571	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R572	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R573	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R574	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R575	5.6k	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN
R576	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R577	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R578	5.6k	OPEN	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	OPEN	OPEN
R579	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R580	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R581	5.6k	OPEN	OPEN	OPEN	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN	OPEN
R582	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R583	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R584	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R588	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R589	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R590	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
RB502	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB503	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB507	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB508	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB501	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R538	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
R540	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
RB516	OPEN	0	OPEN	OPEN	0	OPEN	0	0	0	0	0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.



DIGITAL SIGNAL PWB ASS'Y (10/11) CN001 (SHEET17)
CN001 QGF0508C1-50W
DIGITAL SIGNAL PWB ASS'Y (11/11) CN002 (SHEET18)
CN002 QGF0508C1-30W
SHEET2
SHEET3
SHEET4
SHEET5
SHEET6
SHEET2,3,4
SHEET2,4,6
IC8013
TB1274AF
COLOUR DEMOD./ SYNC SEP.
X801 16.2MHz NAX0621-001X
3LINE COMB FILTER
IC802 TC90A69AF-X DIGI.COMB.
IC711 CXA1875AM-X
IC803 BA05FP-X
Q402 2SK1374-X
Q403 2SK1374-X
Q404 2SK1374-X
Q405 2SK1374-X
FAN_LOCK
HP_VOL
TU_ATT
SYNC/OTH
HP_MUTE
HP_DET
SUB_C
SUB_VY
SUB_CCD

ANALOG SIGNAL PWB ASS'Y (2/5)
LCA10423-12C (SFP-0A302A)

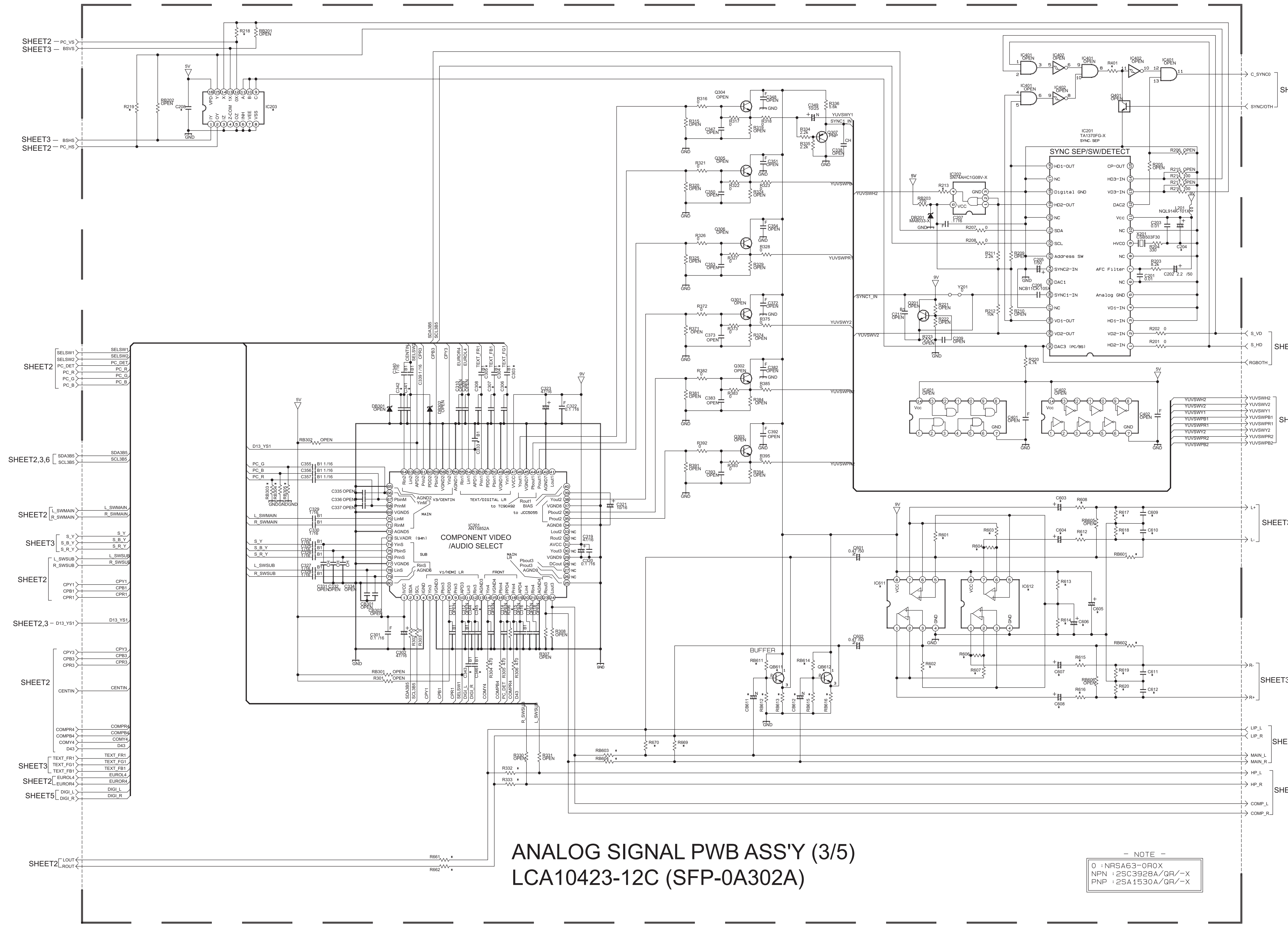
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C403	47/16	OPEN	OPEN	OPEN	47/16	47/16	OPEN	OPEN	OPEN	OPEN	OPEN
C404	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C405	NCB11CK-475X	OPEN	OPEN	OPEN	NCB11CK-475X	NCB11CK-475X	OPEN	OPEN	OPEN	OPEN	OPEN
C406	NCB11CK-475X	OPEN	OPEN	OPEN	NCB11CK-475X	NCB11CK-475X	OPEN	OPEN	OPEN	OPEN	OPEN
C810	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C811	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C812	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C815	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C816	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C817	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C829	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C831	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C832	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C834	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R711	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R714	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R719	0	0	0	100	0	0	0	100	100	0	0
R821	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R824	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R827	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R836	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R838	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R841	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R842	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R843	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R844	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R845	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R846	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
RB801	0	0	OPEN	0	0	0	OPEN	0	0	0	0
RB802	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
DB701	OPEN	OPEN	OPEN	OPEN	MA8051/M/-X	OPEN	OPEN	MA8051/M/-X	OPEN	MA8051/M/-X	OPEN
R718	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	1k	OPEN
DB604	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
DB607	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
R712	0	0	0	0	0	0	OPEN	OPEN	OPEN	0	0
R713	0	OPEN	0	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R720	47k	47k	47k	0	47k	47k	47k	0	0	47k	47k
IC803	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP-X	BA50BC0FP-X	BA50BC0FP-X	BA50BC0FP-X	BA50BC0FP-X	BA50BC0FP-X

- NOTE -

0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 4


SHEET2
SHEET3
PC_VS
BSVS
BSHS
PC_HS
IC203
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
SDA3B5
SCL3B5
L_SWMAIN
R_SWMAIN
S_Y
S_B_Y
S_R_Y
L_SWSUB
R_SWSUB
CPY1
CPB1
CPR1
D13_YS1
CPY3
CPB3
CPR3
CENTIN
COMPR4
COMPB4
COMY4
D43
TEXT_FR1
TEXT_FG1
TEXT_FB1
EUROL4
EUROR4
DIGI_L
DIGI_R
LOUT
ROUT
IC301
AN15852A
COMPONENT VIDEO
/AUDIO SELECT
IC201
TA1370FG-X
SYNC SEP/SW/DETECT
IC202
SN74AHC1G08V-X
IC401
IC402
IC611
IC612
BUFFER
C_SYNC0
SYNC/OTH
S_VD
S_HD
RGBOTH
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
L+
L-
R-
R+
LIP_L
LIP_R
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R
SHEET2,5
SHEET2,3,6
SHEET2,3
SHEET5
- NOTE -
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

ANALOG SIGNAL PWB ASS'Y (3/5)
LCA10423-12C (SFP-0A302A)

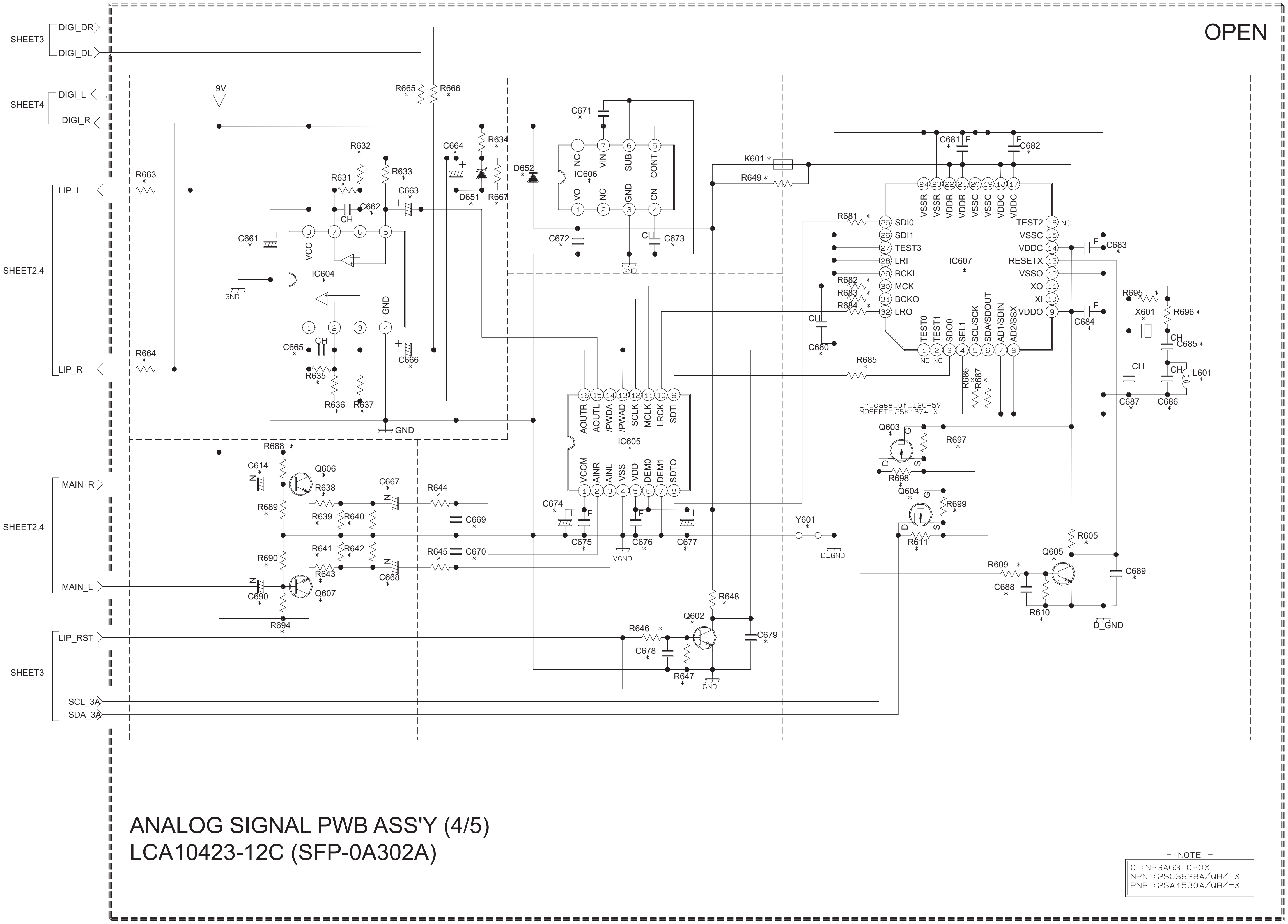
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C208	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	OPEN
C303	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C304	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C305	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C306	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C307	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C308	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C316	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C333	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C343	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
C344	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C345	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C346	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
IC203	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	OPEN
R218	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R219	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R332	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R333	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R661	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R662	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R669	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
R670	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
RB601	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
RB602	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
IC611	OPEN	OPEN	OPEN	OPEN	BA4558F-X	RC4558D-X	OPEN	BA4558F-X	OPEN	BA4558F-X	OPEN
IC612	OPEN	OPEN	OPEN	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN
R601	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R602	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R603	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R604	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R606	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R607	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R608	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R612	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R613	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R614	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R615	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R616	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R617	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R618	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R619	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R620	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
C603	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C604	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C605	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C606	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C607	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C608	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C609	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C610	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C611	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C612	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB603	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB604	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB611	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB612	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB613	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
RB614	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB615	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB616	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
CB611	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
CB612	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
QB611	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
QB612	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
C204	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X
R213	0	0	22	22	0	0	22	22	22	0	0
C341	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
C342	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
R396	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0
RB303	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB304	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB305	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
R401	OPEN	OPEN	OPEN	OPEN	150	OPEN	OPEN	OPEN	OPEN	150	OPEN

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10214001c_0930_1/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5


OPEN
SHEET3
DIGI_DR
DIGI_DL
SHEET4
DIGI_L
DIGI_R
SHEET2,4
LIP_L
LIP_R
MAIN_R
MAIN_L
SHEET3
LIP_RST
SCL_3A
SDA_3A
9V
IC604
IC605
IC606
IC607
Q602
Q603
Q604
Q605
Q606
Q607
K601
L601
X601
Y601
D651
D652
GND
VGND
D_GND
In_case_of_I2C=5V
MOSFET=2SK1374-X
AOUTR AOUTL /PWDA /PWAD SCLK MCLK LRCK SDTI
VCOM AINR AINL VSS VDD DEM0 DEM1 SDTO
SDI0 SDI1 TEST3 LRI BCKI MCK BCKO LRO
VSSR VSSR VDDR VDDR VSSC VSSC VDDC VDDC
TEST2 VSSC VDDC RESETX VSSO XO XI VDDO
TEST0 TEST1 SDO0 SEL1 SCL/SCK SDA/SDOUT AD1/SDIN AD2/SSX
NC VIN SUB CONT VO NC GND CN
VCC GND

ANALOG SIGNAL PWB ASS'Y (4/5)
LCA10423-12C (SFP-0A302A)

- NOTE -
O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
R631	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R632	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R633	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R634	OPEN	10k	5.6k	OPEN	10k	OPEN	5.6k	OPEN	OPEN	10k	10k
R635	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R636	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R637	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R638	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R639	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R640	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R641	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R642	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R643	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R644	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R645	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R646	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R647	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R648	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R681	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R682	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R683	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R684	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R685	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R686	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R687	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R688	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R689	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R690	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R694	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R695	OPEN	OPEN	1M	OPEN	OPEN	OPEN	1M	OPEN	OPEN	OPEN	OPEN
R696	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R697	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R698	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R699	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R605	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R609	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R610	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R649	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C661	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C662	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C663	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C664	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C665	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C666	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C667	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C668	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C669	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C670	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C671	OPEN	OPEN	NCB11EK -105X	OPEN	OPEN	OPEN	NCB11EK -105X	OPEN	OPEN	OPEN	OPEN
C672	OPEN	OPEN	NCB11CK -225X	OPEN	OPEN	OPEN	NCB11CK -225X	OPEN	OPEN	OPEN	OPEN
C673	OPEN	OPEN	470p	OPEN	OPEN	OPEN	470p	OPEN	OPEN	OPEN	OPEN
C674	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	OPEN
C675	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C676	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C677	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	OPEN
C678	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C679	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C680	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C681	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C682	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C683	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C684	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C685	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C686	OPEN	OPEN	12p	OPEN	OPEN	OPEN	12p	OPEN	OPEN	OPEN	OPEN
C687	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C688	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C689	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C690	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C614	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
D651	OPEN	OPEN	MA8047 /L/-X	OPEN	OPEN	OPEN	MA8047 /L/-X	OPEN	OPEN	OPEN	OPEN
D652	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN
Q602	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q603	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q604	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q605	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q606	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q607	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
K601	OPEN	OPEN	NQR0413 -002X	OPEN	OPEN	OPEN	NQR0413 -002X	OPEN	OPEN	OPEN	OPEN
L601	OPEN	OPEN	NQL092K -2R2X	OPEN	OPEN	OPEN	NQL092K -2R2X	OPEN	OPEN	OPEN	OPEN
X601	OPEN	OPEN	NAX0634 -001X	OPEN	OPEN	OPEN	NAX0634 -001X	OPEN	OPEN	OPEN	OPEN
Y601	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
IC604	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN	OPEN	RC4558D-X	RC4558D-X
IC605	OPEN	OPEN	AK4550VT -X	OPEN	OPEN	OPEN	AK4550VT -X	OPEN	OPEN	OPEN	OPEN
IC606	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	OPEN
IC607	OPEN	OPEN	NJU26103 FR1	OPEN	OPEN	OPEN	NJU26103 FR1	OPEN	OPEN	OPEN	OPEN
R663	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R664	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R665	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R666	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R667	OPEN	10k	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	10k

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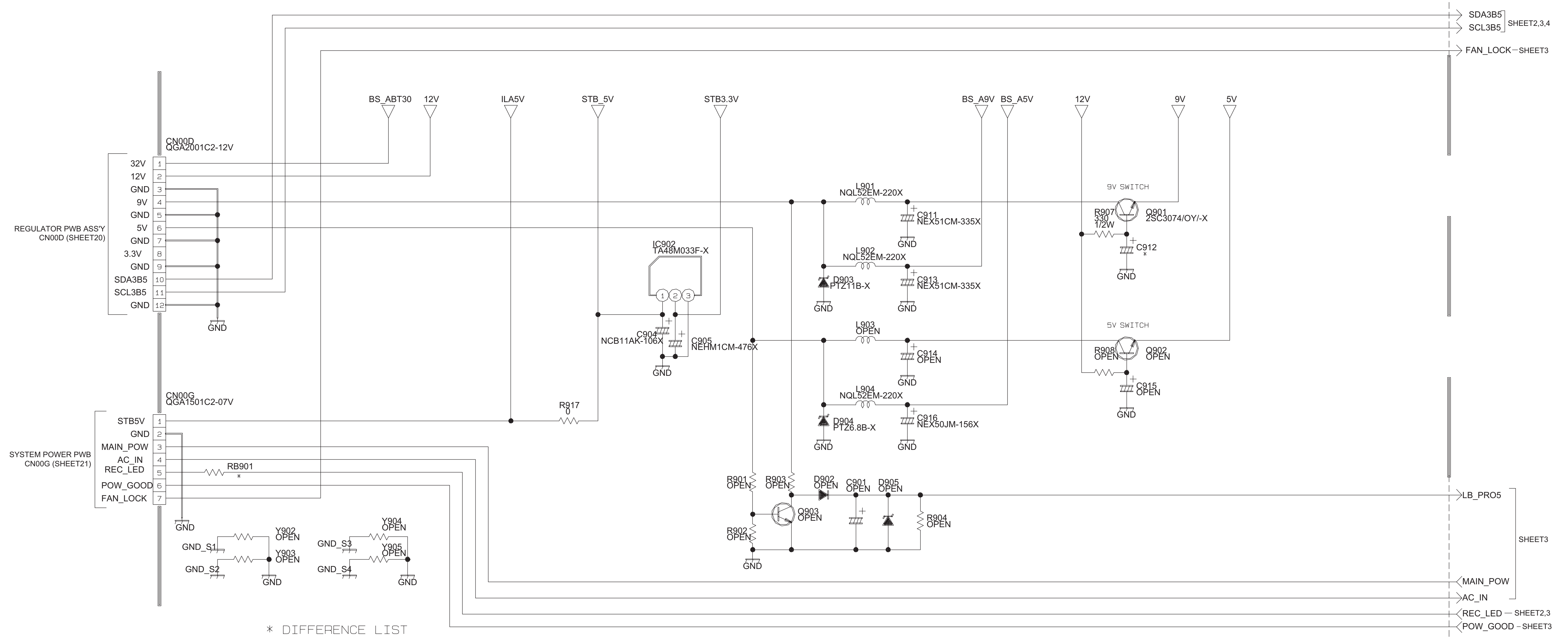
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (5/5) SHEET 6

ANALOG SIGNAL PWB ASS'Y (5/5)
LCA10423-12C (SFP-0A302A)



SDA3B5
SCL3B5
SHEET2,3,4
FAN_LOCK
SHEET3
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
BS_A9V
BS_A5V
12V
9V
5V
CN00D
QGA2001C2-12V
REGULATOR PWB ASS'Y
CN00D (SHEET20)
32V
12V
GND
9V
GND
5V
GND
3.3V
GND
SDA3B5
SCL3B5
GND
GND
IC902
TA48M033F-X
C904
NCB11AK-106X
C905
NEHM1CM-476X
GND
L901
NQL52EM-220X
C911
NEX51CM-335X
L902
NQL52EM-220X
D903
PTZ11B-X
C913
NEX51CM-335X
L903
OPEN
C914
OPEN
L904
NQL52EM-220X
D904
PTZ6.8B-X
C916
NEX50JM-156X
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
*
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
CN00G
QGA1501C2-07V
SYSTEM POWER PWB
CN00G (SHEET21)
STB5V
GND
MAIN_POW
AC_IN
REC_LED
POW_GOOD
FAN_LOCK
RB901
*
R917
0
R901
OPEN
R903
OPEN
D902
OPEN
C901
OPEN
D905
OPEN
Q903
OPEN
R902
OPEN
R904
OPEN
LB_PRO5
SHEET3
MAIN_POW
AC_IN
REC_LED
SHEET2,3
POW_GOOD
SHEET3
GND_S1
GND_S2
Y902
OPEN
Y903
OPEN
GND_S3
GND_S4
Y904
OPEN
Y905
OPEN

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
RB901	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
C912	NEHL1CM -107X	47/16	47/16	47/16	47/16	NEHL1CM -107X	47/16	47/16	47/16	47/16	47/16

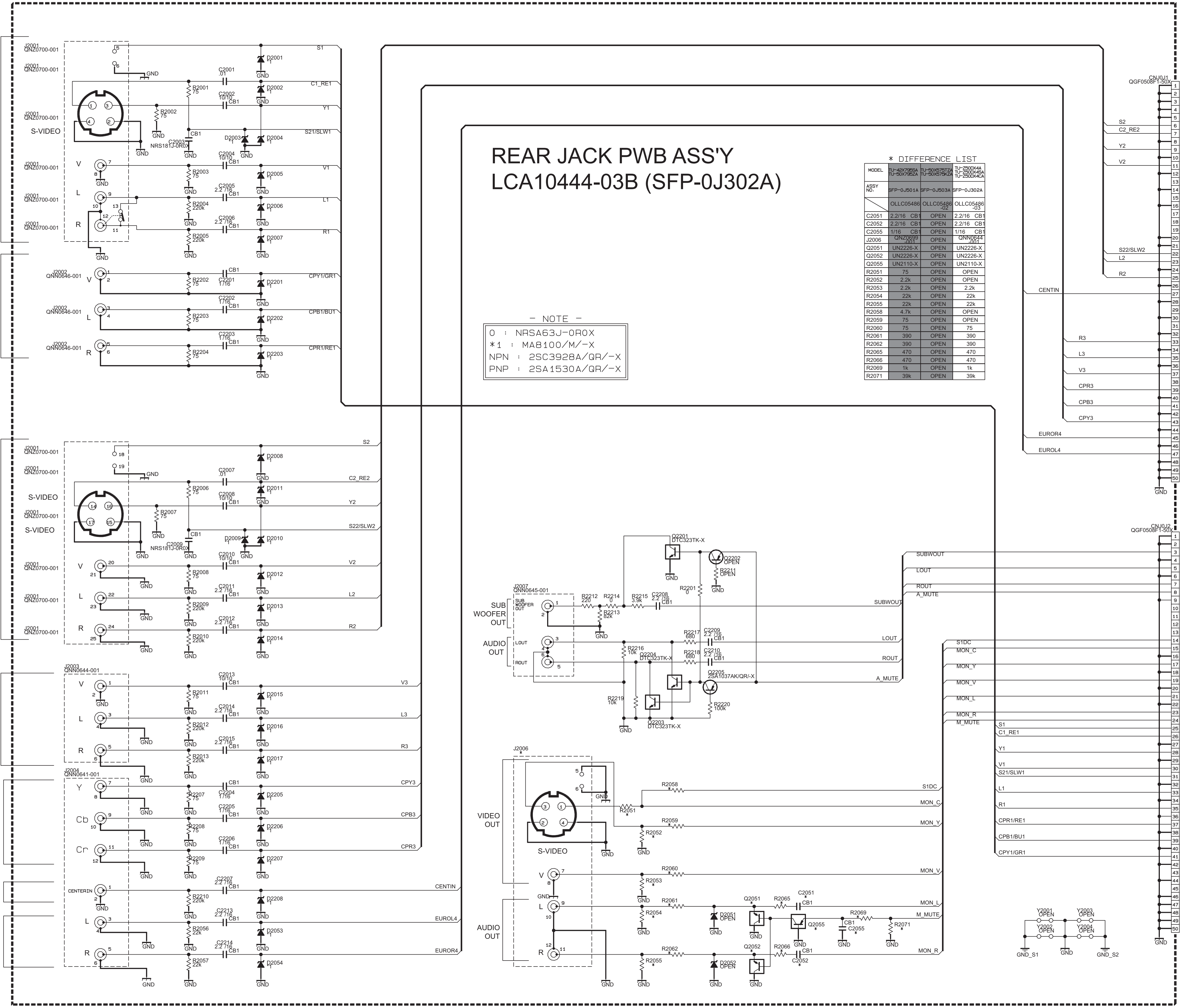
- NOTE -

0 :NRSA63-0R0X

*1 :NQR0415-005X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

REAR JACK PWB CIRCUIT DIAGRAM SHEET 7


VIDEO-1 INPUT
S-VIDEO
VIDEO-1 COMPONENT VIDEO INPUT
VIDEO-2 INPUT
S-VIDEO
VIDEO-3 INPUT
VIDEO-3 COMPONENT VIDEO INPUT
CENTER CHANNEL INPUT
DIGITAL IN AUDIO (ANALOG)
SUB WOOFER OUT
AUDIO OUT
VIDEO OUT
AUDIO OUT
S-VIDEO
J2001 QNZ0700-001
J2002 QNN0646-001
J2003 QNN0644-001
J2004 QNN0641-001
J2006
J2007 QNN0645-001
Q2201 DTC323TK-X
Q2202 OPEN
Q2203 DTC323TK-X
Q2204 DTC323TK-X
Q2205 2SA1037AK/QR/-X
C2003 NRS181J-0R0X
C2009 NRS181J-0R0X
CN0J1 QGF0508F1-50X
CN0J2 QGF0508F1-50X
ANALOG SIGNAL PWB ASS'Y(1/5) CN0J1 (SHEET2)
ANALOG SIGNAL PWB ASS'Y(1/5) CN0J2 (SHEET2)
GND_S1
GND_S2

REAR JACK PWB ASS'Y
LCA10444-03B (SFP-0J302A)

- NOTE -

0 : NRSA63J-0R0X
*1 : MA8100/M/-X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

* DIFFERENCE LIST

MODEL	TU-42X795SA TU-50X795ZA	TU-50X575TZA TU-50X575KZA	TU-Z50DX4A TU-Z50DX4SA TU-Z50DX4CA
ASSY NO.	SFP-0J501A	SFP-0J503A	SFP-0J302A
	OLLC05486	OLLC05486 -02	OLLC05486 -03
C2051	2.2/16 CB1	OPEN	2.2/16 CB1
C2052	2.2/16 CB1	OPEN	2.2/16 CB1
C2055	1/16 CB1	OPEN	1/16 CB1
J2006	QNZ0699 -001	OPEN	QNN0644 -001
Q2051	UN2226-X	OPEN	UN2226-X
Q2052	UN2226-X	OPEN	UN2226-X
Q2055	UN2110-X	OPEN	UN2110-X
R2051	75	OPEN	OPEN
R2052	2.2k	OPEN	OPEN
R2053	2.2k	OPEN	2.2k
R2054	22k	OPEN	22k
R2055	22k	OPEN	22k
R2058	4.7k	OPEN	OPEN
R2059	75	OPEN	OPEN
R2060	75	OPEN	75
R2061	390	OPEN	390
R2062	390	OPEN	390
R2065	470	OPEN	470
R2066	470	OPEN	470
R2069	1k	OPEN	1k
R2071	39k	OPEN	39k

c10277001b_1119_1/1_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8

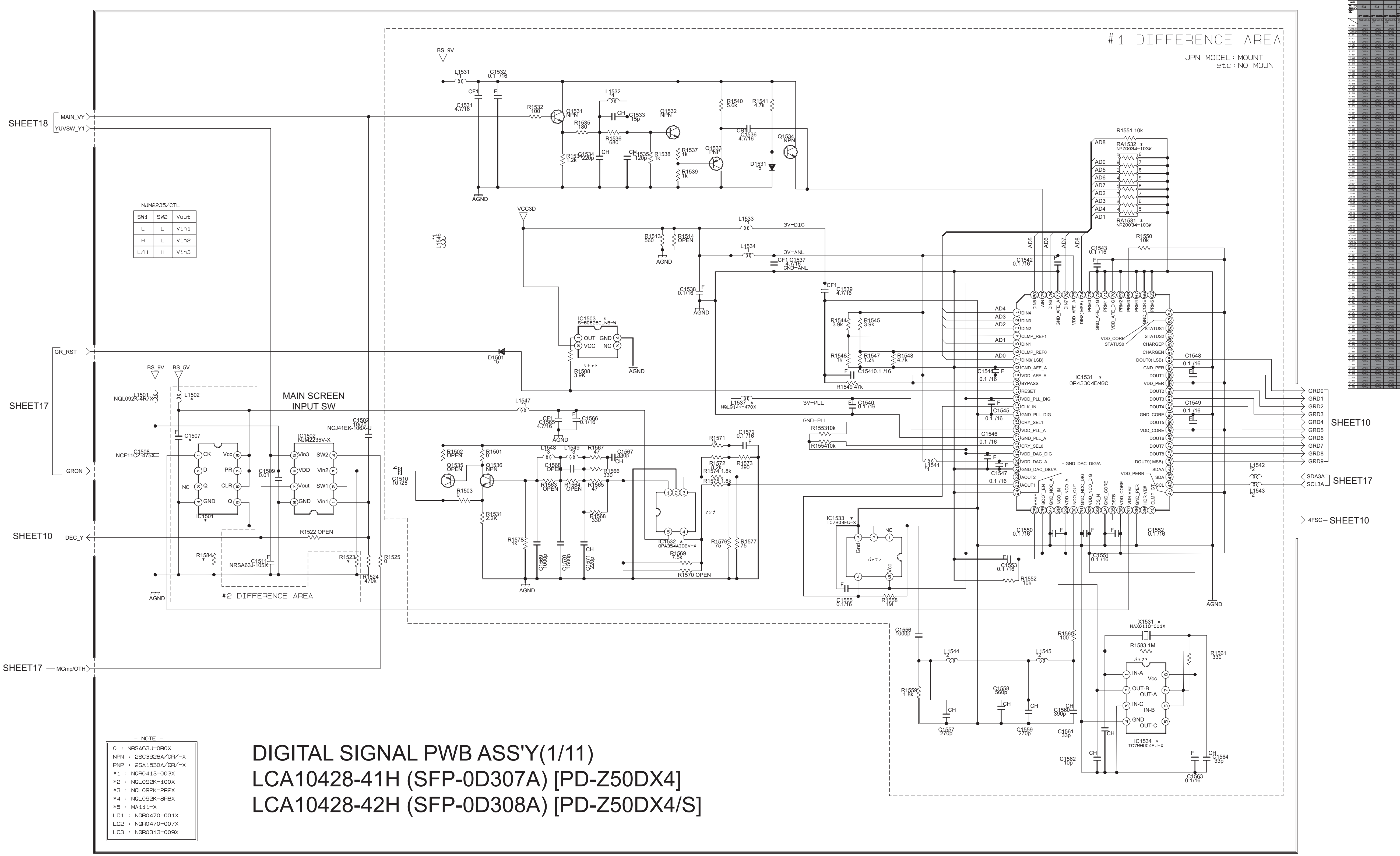
#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
L1502	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
C1507	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN
IC1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7W74F-X	TC7W74F-X	TC7W74F-X	TC7W74F-X	OPEN	OPEN	OPEN	OPEN
R1584	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0
R1523	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	1M	1M	1M	1M	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
X1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0118-001X	NAX0118-001X	NAX0118-001X	NAX0118-001X	OPEN	OPEN	OPEN	OPEN
RA1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
RA1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
R1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1513	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1554	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1568	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1573	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1574	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1575	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1576	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1577	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1578	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1583	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL914K-470X	NQL914K-470X	NQL914K-470X	NQL914K-470X	OPEN	OPEN	OPEN	OPEN
L1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	OPEN	OPEN	OPEN	OPEN
IC1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OR43304BMQC	OR43304BMQC	OR43304BMQC	OR43304BMQC	OPEN	OPEN	OPEN	OPEN
IC1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPEN	OPEN	OPEN	OPEN
IC1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	OPEN	OPEN	OPEN	OPEN
IC1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	OPEN	OPEN	OPEN	OPEN
D1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
D1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1510	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1555	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1556	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1557	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1562	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1563	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1564	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1570	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN



NJM2235/CTL

SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

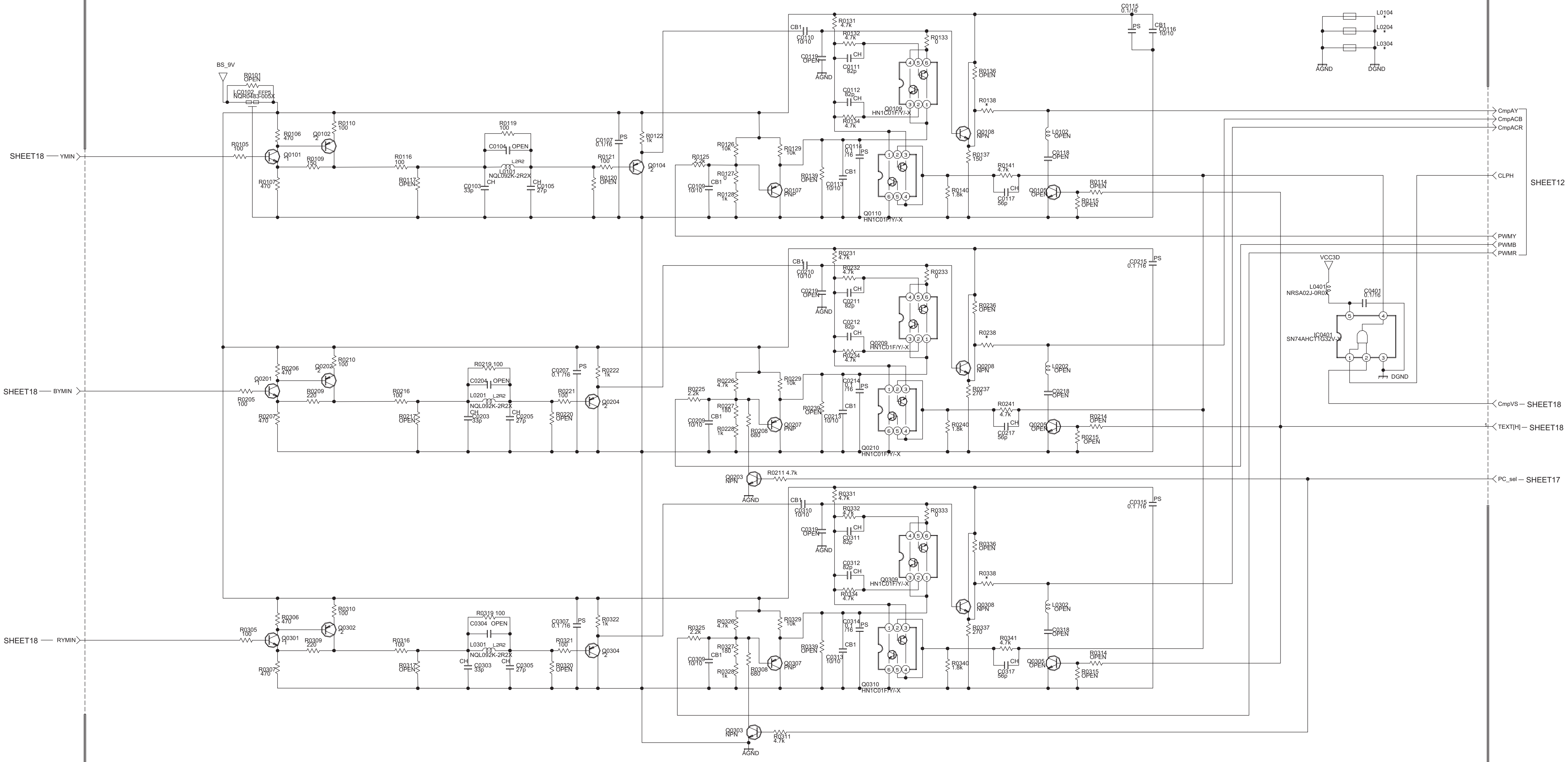
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : MA111-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y(1/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 9


SHEET18 YMIN
SHEET18 BYMIN
SHEET18 RYMIN
BS_9V
R0101 OPEN
LC0102 EFP5 NQR0483-005X
R0105 100
R0106 470
R0107 470
Q0101 *1
Q0102 *2
R0109 150
R0110 100
R0116 100
R0117 OPEN
R0119 100
C0104 OPEN
L0101 L2R2 NQL092K-2R2X
C0103 33p CH
C0105 27p CH
R0120 OPEN
R0121 100
C0107 0.1/16 PS
R0122 1k
Q0104 *2
R0125 2.2k
C0109 10/10 CB1
R0126 10k
R0127 0
R0128 1k
Q0107 PNP
R0129 10k
R0139 OPEN
C0113 10/10 CB1
C0114 0.1 /16 PS
CB1 C0110 10/10
R0131 4.7k
R0132 4.7k
R0133 0
C0119 OPEN
AGND
C0111 82p CH
C0112 82p CH
R0134 4.7k
Q0109 HN1C01F/Y/-X
Q0110 HN1C01F/Y/-X
R0136 OPEN
R0138 *
Q0108 NPN
R0137 150
R0140 1.8k
R0141 4.7k
C0117 56p CH
L0102 OPEN
C0118 OPEN
Q0105 OPEN
R0114 OPEN
R0115 OPEN
C0115 0.1/16 PS
CB1 C0116 10/10
L0104 *
L0204 *
L0304 *
AGND
DGND
R0205 100
R0206 470
R0207 470
Q0201
Q0202 *2
R0209 220
R0210 100
R0216 100
R0217 OPEN
R0219 100
C0204 OPEN
L0201 L2R2 NQL092K-2R2X
C0203 33p CH
C0205 27p CH
C0207 0.1 /16 PS
R0220 OPEN
R0221 100
R0222 1k
Q0204 *2
R0225 2.2k
C0209 10/10 CB1
R0226 4.7k
R0227 180
R0228 1k
R0208 680
Q0207 PNP
R0229 10k
R0230 OPEN
C0213 10/10 CB1
C0214 0.1 /16 PS
CB1 C0210 10/10
R0231 4.7k
R0232 4.7k
R0233 0
C0219 OPEN
C0211 82p CH
C0212 82p CH
R0234 4.7k
Q0209 HN1C01F/Y/-X
Q0210 HN1C01F/Y/-X
R0236 OPEN
R0238 *
Q0208 NPN
R0237 270
R0240 1.8k
R0241 4.7k
C0217 56p CH
L0202 OPEN
C0218 OPEN
Q0205 OPEN
R0214 OPEN
R0215 OPEN
C0215 0.1 /16 PS
Q0203 NPN
R0211 4.7k
R0305 100
R0306 470
R0307 470
Q0301
Q0302 *2
R0309 220
R0310 100
R0316 100
R0317 OPEN
R0319 100
C0304 OPEN
L0301 L2R2 NQL092K-2R2X
C0303 33p CH
C0305 27p CH
C0307 0.1 /16 PS
R0320 OPEN
R0321 100
R0322 1k
Q0304 *2
R0325 2.2k
C0309 10/10 CB1
R0326 4.7k
R0327 180
R0328 1k
R0308 680
Q0307 PNP
R0329 10k
R0339 OPEN
C0313 10/10 CB1
C0314 0.1 /16 PS
CB1 C0310 10/10
R0331 4.7k
R0332 4.7k
R0333 0
C0319 OPEN
C0311 82p CH
C0312 82p CH
R0334 4.7k
Q0309 HN1C01F/Y/-X
Q0310 HN1C01F/Y/-X
R0336 OPEN
R0338 *
Q0308 NPN
R0337 270
R0340 1.8k
R0341 4.7k
C0317 56p CH
L0302 OPEN
C0318 OPEN
Q0305 OPEN
R0314 OPEN
R0315 OPEN
C0315 0.1 /16 PS
Q0303 NPN
R0311 4.7k
VCC3D
L0401 NRSA02J-0R0X
C0401 0.1/16
IC0401 SN74AHCT1G32V-X
DGND
CmpAY
CmpACB
CmpACR
CLPH
PWMY
PWMB
PWMR
SHEET12
CmpVS SHEET18
TEXT[H] SHEET18
PC_sel SHEET17

DIGITAL SIGNAL PWB ASS'Y(2/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

#1 DIFFERENCE LIST (US-UNION MODEL/ etc)

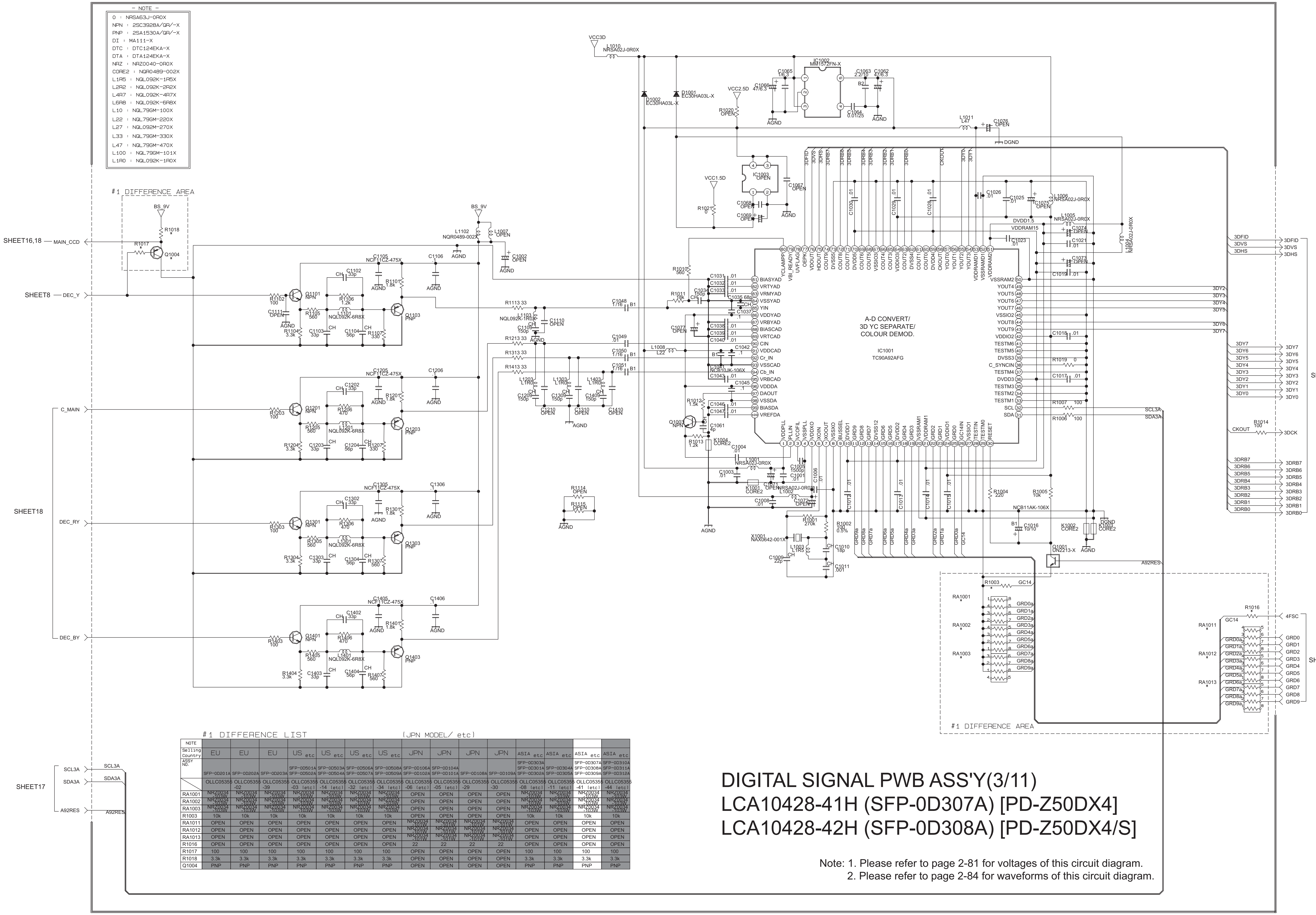
NOTE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0138	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0238	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0338	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
L0104	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0204	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0304	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

– NOTE –

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 10


#1 DIFFERENCE AREA
BS_9V
R1017
R1018
Q1004
SHEET16,18
MAIN_CCD
SHEET8
DEC_Y
C_MAIN
SHEET18
DEC_RY
DEC_BY
SHEET17
SCL3A
SDA3A
A92RES
Q1101 NPN
Q1103 PNP
Q1201 NPN
Q1203 PNP
Q1301 NPN
Q1303 PNP
Q1401 NPN
Q1403 PNP
NCF11CZ-475X
NQL092K-6R8X
L1102 NQR0489-002X
AGND
VCC3D
L1010 NRSA02J-0R0X
D1001 EC30HA03L-X
D1002 EC30HA03L-X
VCC2.5D
IC1002 MM1572FN-X
IC1003 OPEN
VCC1.5D
DGND
A-D CONVERT/
3D YC SEPARATE/
COLOUR DEMOD.
IC1001
TC90A92AFG
X1001 NAX0642-001X
Q1001 UN2213-X
A92RES
RA1001
RA1002
RA1003
RA1011
RA1012
RA1013
GC14
4FSC
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
3DFID
3DVS
3DHS
3DY0
3DY1
3DY2
3DY3
3DY4
3DY5
3DY6
3DY7
SHEET12
CKOUT
3DCK
3DRB0
3DRB1
3DRB2
3DRB3
3DRB4
3DRB5
3DRB6
3DRB7
SHEET8
#1 DIFFERENCE AREA

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA1001	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1002	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1003	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
R1003	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
RA1011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
R1016	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	OPEN	OPEN	OPEN	OPEN	100	100	100	100
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k	3.3k	3.3k
Q1004	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	PNP	PNP	PNP	PNP

DIGITAL SIGNAL PWB ASS'Y(3/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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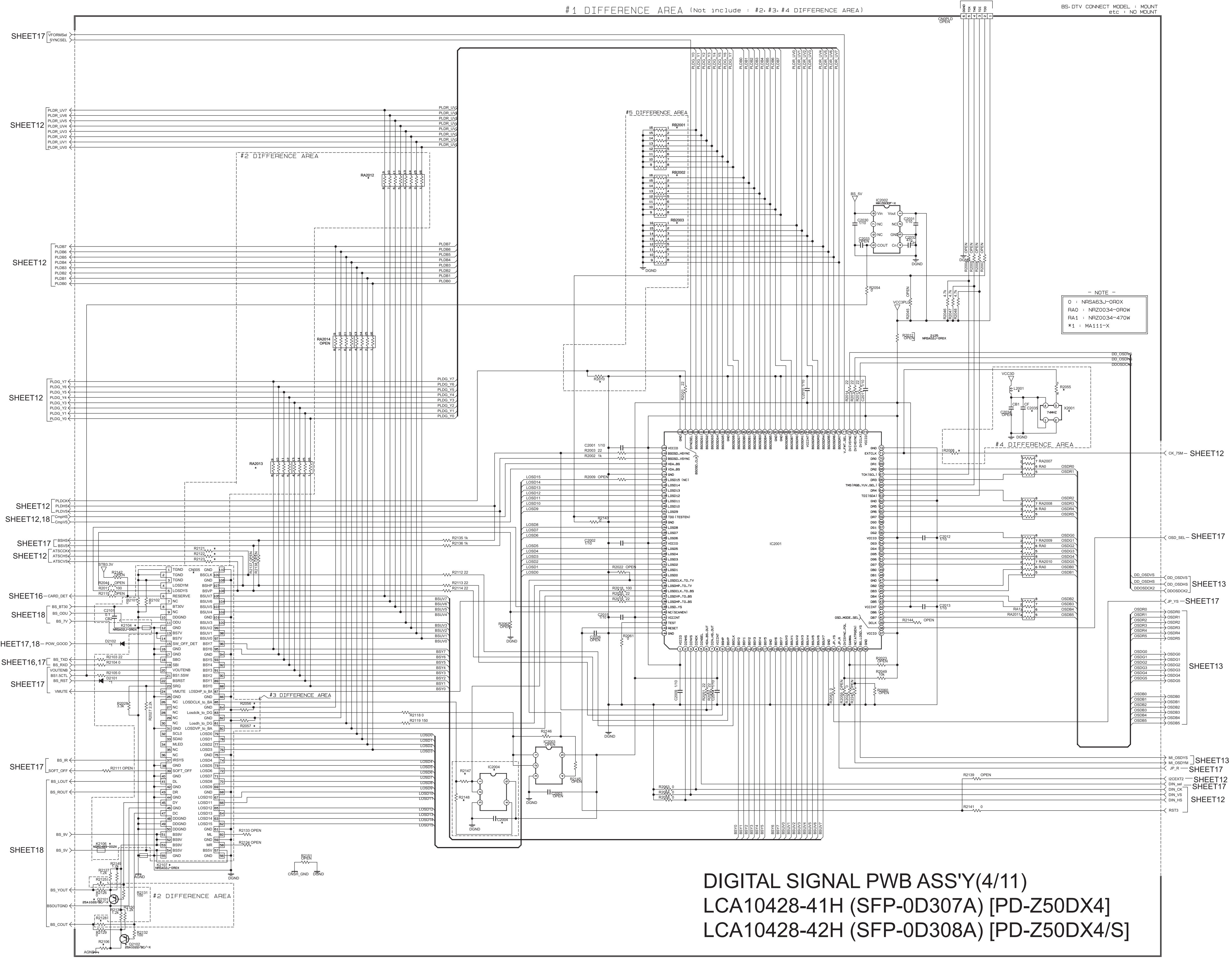
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11



- NOTE -
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : MA111-X

DIGITAL SIGNAL PWB ASS'Y(4/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (BS・DTV CONNECT MODEL/ etc)

BS・DTV	-	-	-	-	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R2112	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2114	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2118	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2119	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2132	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2135	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2136	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2141	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q2101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	OPEN	OPEN	OPEN	OPEN
Q2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	2SA1022 /BC/-X	OPEN	OPEN	OPEN	OPEN
D2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN
R2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2018	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2020	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2024	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2045	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2046	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2047	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2048	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2049	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2051	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2052	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	JCC5062	JCC5062	JCC5062	JCC5062	OPEN	OPEN	OPEN	OPEN
C2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MM1593 DE-X	MM1593 DE-X	MM1593 DE-X	MM1593 DE-X	OPEN	OPEN	OPEN	OPEN
R2054	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2030	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2031	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2032	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2146	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2053	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2058	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2064	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2149	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2150	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC CONNECT MODEL/ etc)

ATSC	-	-	-	ATSC CONNECT	-	-	-	-	-	-	-	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA2012	OPEN	OPEN	OPEN	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA2013	OPEN	OPEN	OPEN	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2121	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2122	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2123	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2125	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2128	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#3 DIFFERENCE LIST (ATSC or BS・DTV CONNECT MODEL/ etc)

ATSC /BS・DTV	-	-	-	ATSC CONNECT	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN005	OPEN	OPEN	OPEN	QGB0603L1 -B0	OPEN	OPEN	OPEN	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	QGB0603L1 -B0	OPEN	OPEN	OPEN	OPEN
R2056	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2057	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2106	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
K2106	OPEN	OPEN	OPEN	NQR0489 -002X	OPEN	OPEN	OPEN	NQR0489 -002X	NQR0489 -002X	NQR0489 -002X	NQR0489 -002X	OPEN	OPEN	OPEN	OPEN
D2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2102	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2103	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2104	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2105	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2027	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2028	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (VGA-BS・DTV CONNECT MODEL/ XGA-BS・DTV CONNECT MODEL/ etc)

BS・DTV	-	-	-	-	-	-	-	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	BS・DTV CONNECT	-	-	-	-
NOTE	VGA	VGA	XGA	XGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0637 -001X	NAX0637 -001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2055	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C2035	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
L2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	OPEN	OPEN	OPEN	OPEN
IC2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SN74LVC1G 08K-X	SN74LVC1G 08K-X	OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2148	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN
C2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN

#5 DIFFERENCE LIST (DIGITAL IN MODEL/ etc)

NOTE	-	-	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	-	-	DEGITAL IN MODEL	DEGITAL IN MODEL
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RB2001	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
RB2002	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
RB2003	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080 -0R0X	NRZ0080 -0R0X	OPEN	OPEN
R2010	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN
K2104	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X
K2107	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X

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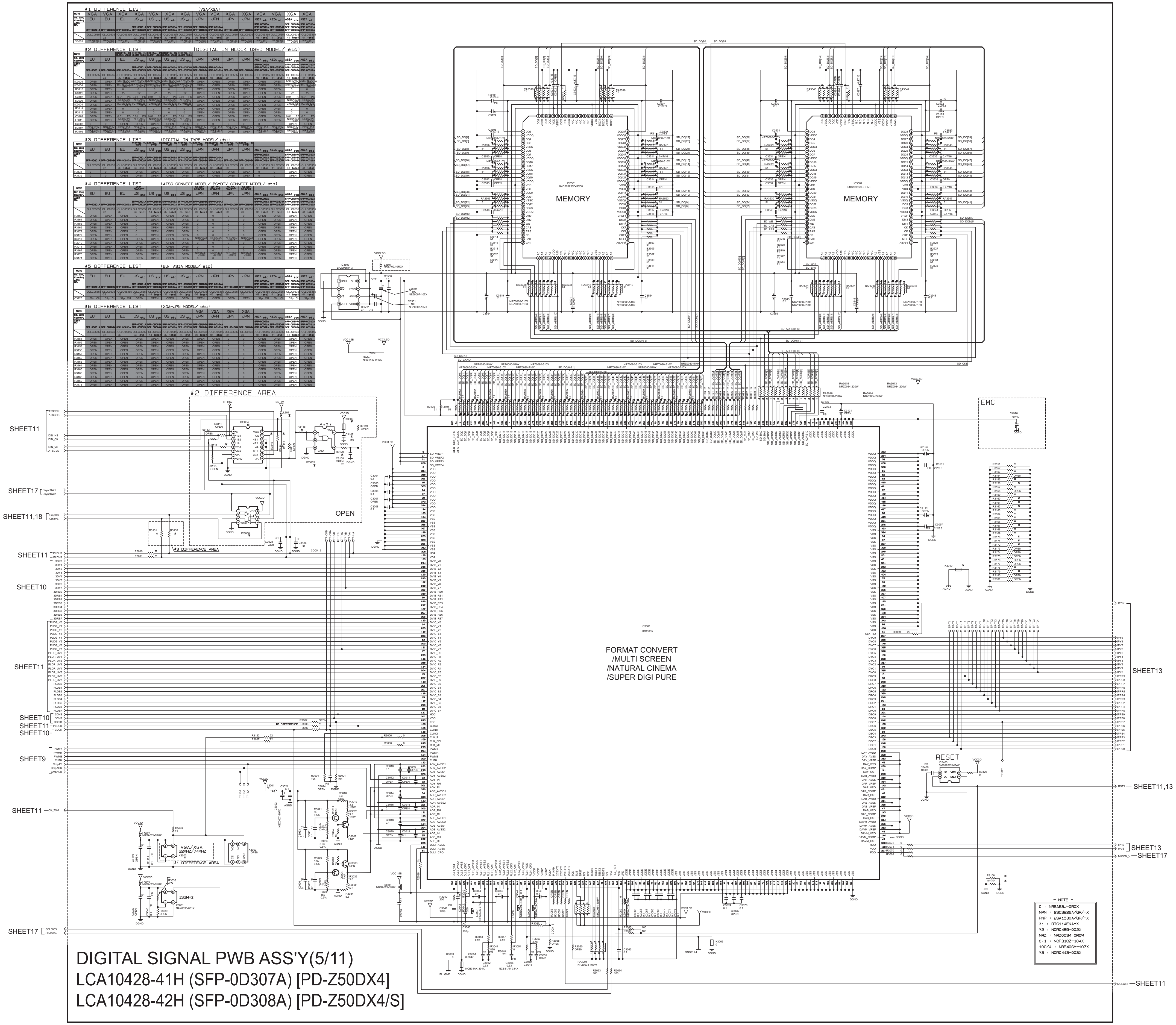
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 12


#1 DIFFERENCE LIST
#2 DIFFERENCE LIST
#3 DIFFERENCE LIST
#4 DIFFERENCE LIST
#5 DIFFERENCE LIST
#6 DIFFERENCE LIST
#2 DIFFERENCE AREA
#3 DIFFERENCE AREA
#1 DIFFERENCE AREA
OPEN
MEMORY
MEMORY
EMC
RESET
FORMAT CONVERT
/MULTI SCREEN
/NATURAL CINEMA
/SUPER DIGI PURE
VGA/XGA
32MHZ/74MHZ
133MHz
SHEET11
SHEET17
SHEET11,18
SHEET11
SHEET10
SHEET11
SHEET10
SHEET11
SHEET10
SHEET9
SHEET11
SHEET17
SHEET13
SHEET11,13
SHEET13
SHEET17
SHEET11
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X

DIGITAL SIGNAL PWB ASS'Y(5/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

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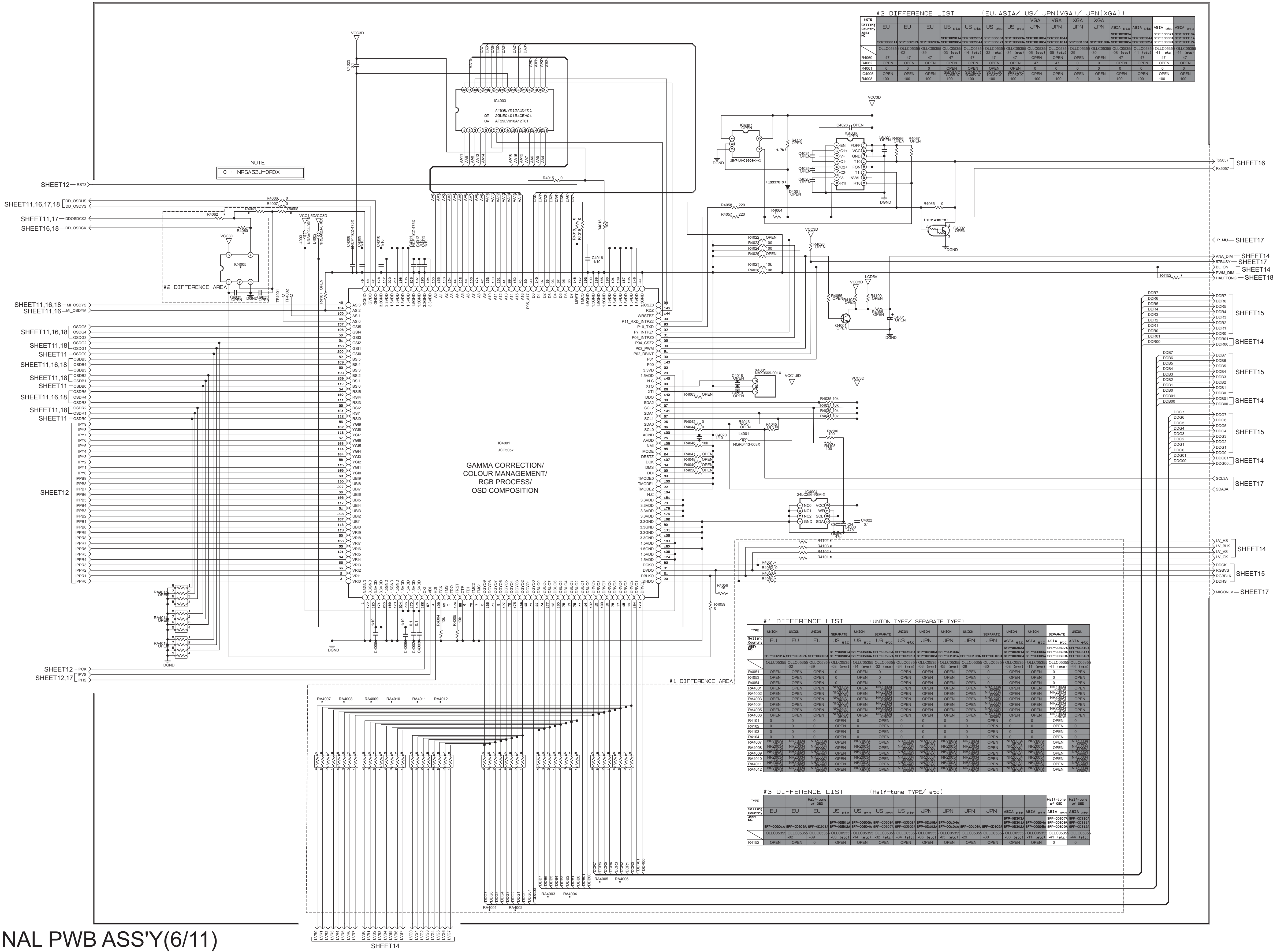
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (6/11) SHEET 13



#2 DIFFERENCE LIST (EU,ASIA/ US/ JPN(VGA)/ JPN(XGA))

NOTE								VGA	VGA	XGA	XGA				
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4060	47	47	47	47	47	47	47	OPEN	OPEN	OPEN	OPEN	47	47	47	47
R4062	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	0	0	OPEN	OPEN	OPEN	OPEN
R4061	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0
IC4005	OPEN	OPEN	OPEN	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R4008	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4051	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4053	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4054	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
RA4001	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4002	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4003	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4004	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4005	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4006	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
R4101	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4102	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4103	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4104	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
RA4007	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4008	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4009	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4010	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4011	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4012	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W

#3 DIFFERENCE LIST (Half-tone TYPE/ etc)

TYPE			Half-tone of OSD											Half-tone of OSD	Half-tone of OSD
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4152	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

DIGITAL SIGNAL PWB ASS'Y(6/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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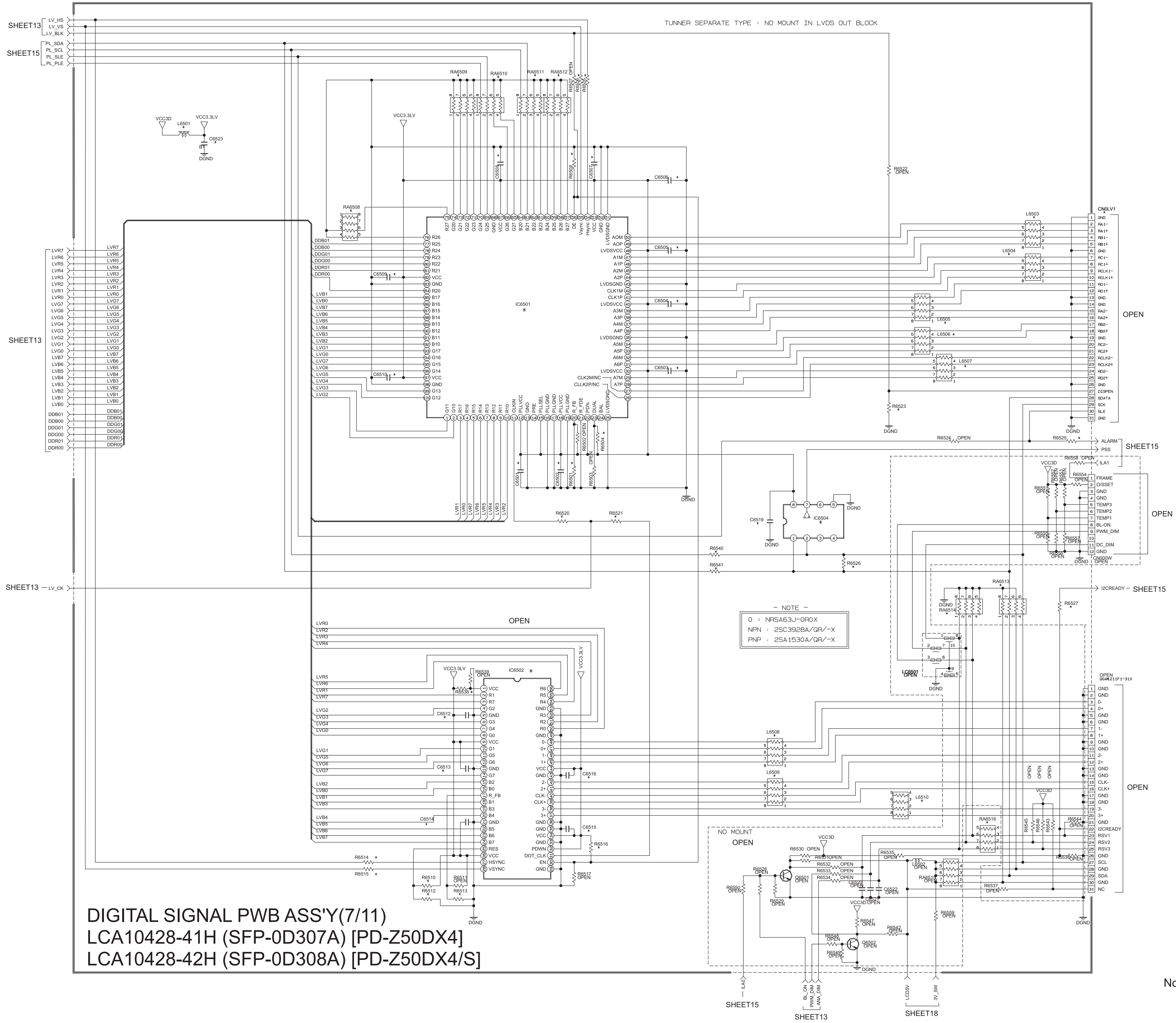
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14


SHEET13
LV_HS
LV_VS
LV_BLK
SHEET15
PL_SDA
PL_SCL
PL_SLE
PL_PLE
TUNNER SEPARATE TYPE : NO MOUNT IN LVDS OUT BLOCK
VCC3D
VCC3.3LV
L6501
C6523
DGND
RA6508
RA6509
RA6510
RA6511
RA6512
IC6501
IC6502
IC6504
LVR7
LVR6
LVR5
LVR4
LVR3
LVR2
LVR1
LVR0
LVG7
LVG6
LVG5
LVG4
LVG3
LVG2
LVG1
LVG0
LVB7
LVB6
LVB5
LVB4
LVB3
LVB2
LVB1
LVB0
DDB01
DDB00
DDG01
DDG00
DDR01
DDR00
SHEET13 — LV_CK
L6503
L6504
L6505
L6506
L6507
L6508
L6509
L6510
CN0LV1
GND
RA1-
RA1+
RB1-
RB1+
RC1-
RC1+
RCLK1-
RCLK1+
RD1-
RD1+
RA2-
RA2+
RB2-
RB2+
RC2-
RC2+
RCLK2-
RCLK2+
RD2-
RD2+
DISPEN
SDAT4
SCK
SLE
OPEN
ALARM
PSS
ILA1
SHEET15
FRAME
O/SSET
TEMP3
TEMP2
TEMP1
BL-ON
PWM_DIM
DC_DIM
CN000W
OPEN
I2CREADY — SHEET15
RA6513
RA6514
RA6516
LC6501 OPEN
OPEN
QGA1211F1-31X
0-
0+
1-
1+
2-
2+
CLK-
CLK+
3-
3+
I2CREADY
RSV1
RSV2
RSV3
SCL
SDA
NC
OPEN
- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NO MOUNT
OPEN
Q6501
Q6502
ILA0
BL_ON
PWM_DIM
ANA_DIM
LCD5V
3V_SW
SHEET15
SHEET13
SHEET18

DIGITAL SIGNAL PWB ASS'Y(7/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

* DIFFERENCE LIST

(SEPARATE TYPE NEC PANEL etc PANEL

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0LV1	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	QGA1211F2-31X
IC6501	OPEN	DS90C387-VJD	DS90C387-VJD	OPEN	OPEN	OPEN	DS90C387-VJD	DS90C387-VJD	OPEN	DS90C387-VJD	OPEN	OPEN	DS90C387-VJD	OPEN	DS90C387-VJD
IC6504	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	OPEN	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	DS90LV018ATM-X	OPEN	OPEN	DS90LV018ATM-X	OPEN	DS90LV018ATM-X
L6503	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6504	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6505	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6506	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6507	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
C6501	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6502	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6503	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6504	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6505	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6506	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6507	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6508	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6509	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6510	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6519	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
R6501	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6504	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6505	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6506	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6508	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6520	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6523	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6525	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6526	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
RA6508	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6509	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6510	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6511	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6512	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
CN0LV2	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN
IC6502	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN
L6508	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6509	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6510	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
C6512	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6513	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6514	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6515	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6516	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
R6510	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6512	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6513	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6514	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6515	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6516	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6521	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6527	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6538	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
RA6513	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6514	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6516	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
R6540	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6541	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
L6501	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X
C6523	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	OPEN	10/10 B1	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	10/10 B1	OPEN	10/10 B1

NEC PANEL: MOUNT (CN0LV1 – RA6512)
etc PANEL: MOUNT (CN0LV2 – R6541)
UNION TYPE: MOUNT (L6501, C6523)

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 15

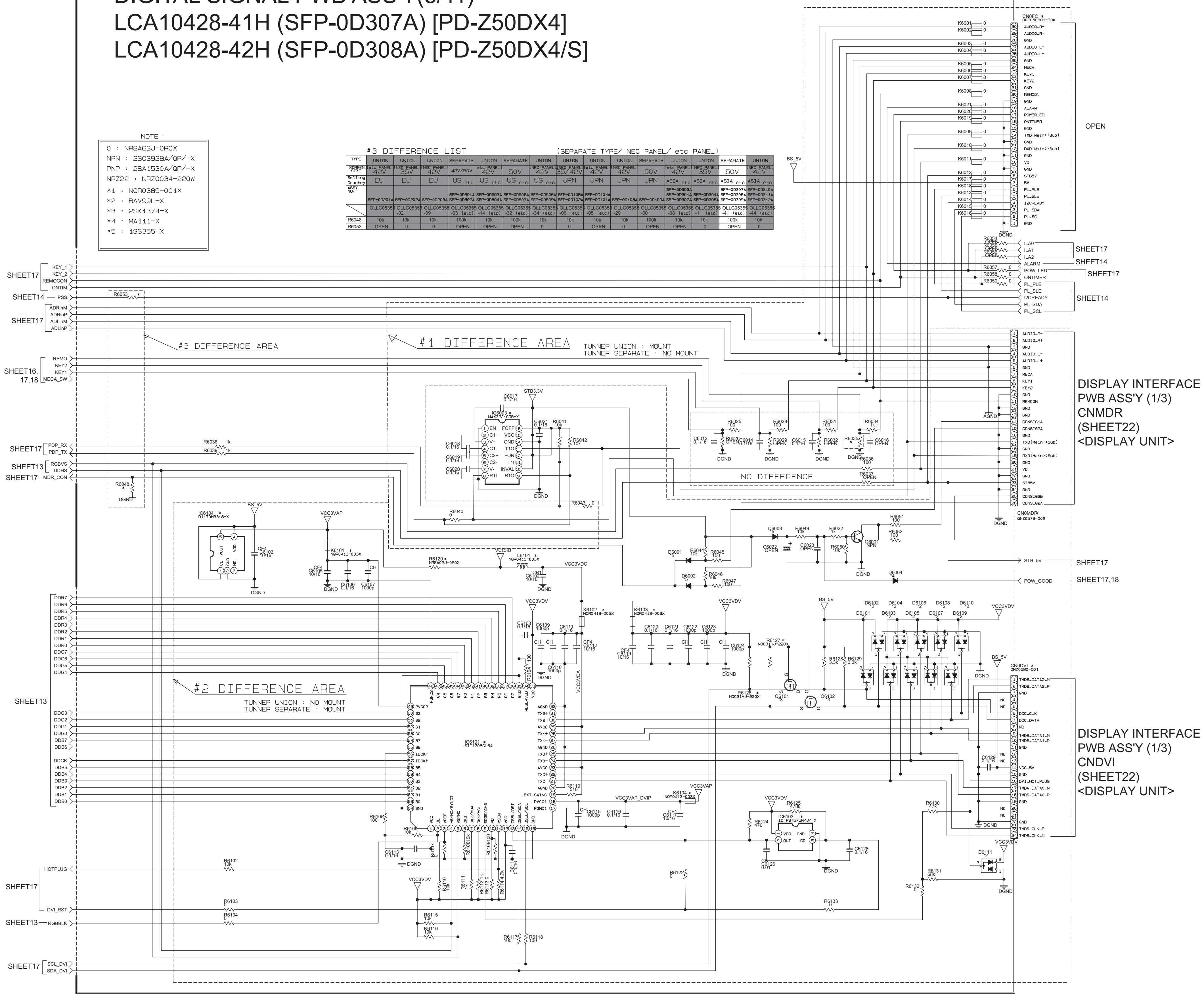
DIGITAL SIGNAL PWB ASS'Y(8/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X

#3 DIFFERENCE LIST (SEPARATE TYPE/ NEC PANEL/ etc PANEL)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42V/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6048	10k	10k	10k	100k	10k	100k	10k	10k	10k	10k	100k	10k	10k	100k	10k
R6053	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0



#3 DIFFERENCE AREA
#1 DIFFERENCE AREA
TUNNER UNION : MOUNT
TUNNER SEPARATE : NO MOUNT
#2 DIFFERENCE AREA
TUNNER UNION : NO MOUNT
TUNNER SEPARATE : MOUNT
NO DIFFERENCE
SHEET17 KEY_1 KEY_2 REMOCON ONTIM
SHEET14 PSS
SHEET17 ADRinM ADRinP ADLinM ADLinP
SHEET16, 17,18 REMO KEY2 KEY1 MECA_SW
SHEET17 PDP_RX PDP_TX
SHEET13 RGBVS DDHS
SHEET17 MDR_CON
SHEET13 DDR7 DDR6 DDR5 DDR4 DDR3 DDR2 DDR1 DDR0 DDG7 DDG6 DDG5 DDG4 DDG3 DDG2 DDG1 DDG0 DDB7 DDB6 DDCK DDB5 DDB4 DDB3 DDB2 DDB1 DDB0
SHEET17 HOTPLUG DVI_RST
SHEET13 RGBBLK
SHEET17 SCL_DVI SDA_DVI
CN0FC QGF0508C1-30W
AUDIO_R- AUDIO_R+ GND AUDIO_L- AUDIO_L+ GND MECA KEY1 KEY2 GND REMCON GND ALARM POWERLED ONTIMER GND TXD(Main>>Sub) GND RXD(Main>>Sub) GND VD GND STB5V 5V PL_PLE PL_SLE I2CREADY PL_SDA PL_SCL GND
OPEN
ILA0 ILA1 ILA2 ALARM POW_LED ONTIMER PL_PLE PL_SLE I2CREADY PL_SDA PL_SCL
SHEET17
SHEET14
SHEET17
SHEET14
DISPLAY INTERFACE
PWB ASS'Y (1/3)
CNMDR
(SHEET22)
<DISPLAY UNIT>
CN0MDR QNZ0576-002
STB_5V SHEET17
POW_GOOD SHEET17,18
IC6003 MAX3221CDB-X
IC6101 SII170BCL64
IC6103 IC-PST575MJ/-X
IC6104 R1170H331B-X
CN0DVI QNZ0580-001
THDS_DATA2_N THDS_DATA2_P DCC_CLK DCC_DATA THDS_DATA1_N THDS_DATA1_P VCC_5V GND DVI_HOT_PLUG THDS_DATA0_N THDS_DATA0_P GND THDS_CLK_P THDS_CLK_N
DISPLAY INTERFACE
PWB ASS'Y (1/3)
CNDVI
(SHEET22)
<DISPLAY UNIT>
BS_5V STB3.3V VCC3VAP VCC3D VCC3VDC VCC3VDV VCC3VDA DGND AGND

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0FC	QGF0508C1-30W	QGF0508C1-30W	QGF0508C1-30W	OPEN	QGF0508C1-30W	OPEN	QGF0508C1-30W	QGF0508C1-30W	QGF0508C1-30W	QGF0508C1-30W	OPEN	QGF0508C1-30W	QGF0508C1-30W	OPEN	QGF0508C1-30W
K6001	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6002	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6003	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6004	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6005	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6006	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6007	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6008	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6009	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6010	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6011	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6012	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6013	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6014	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6015	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6016	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6017	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6018	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6019	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6020	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6021	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6057	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6058	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6059	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6040	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6043	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0

#2 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6102	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6103	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6104	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6105	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6106	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6107	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6108	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6109	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6110	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6111	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6112	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6114	OPEN	OPEN	OPEN	4.7k	OPEN	4.7k	OPEN	OPEN	OPEN	OPEN	4.7k	OPEN	OPEN	4.7k	OPEN
R6115	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6116	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6117	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6118	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6119	OPEN	OPEN	OPEN	510	OPEN	510	OPEN	OPEN	OPEN	OPEN	510	OPEN	OPEN	510	OPEN
R6120	OPEN	OPEN	OPEN	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X	OPEN
R6122	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6124	OPEN	OPEN	OPEN	470	OPEN	470	OPEN	OPEN	OPEN	OPEN	470	OPEN	OPEN	470	OPEN
R6125	OPEN	OPEN	OPEN	470k	OPEN	470k	OPEN	OPEN	OPEN	OPEN	470k	OPEN	OPEN	470k	OPEN
R6126	OPEN	OPEN	OPEN	NDC31HJ-220X	OPEN	NDC31HJ-220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ-220X	OPEN	OPEN	NDC31HJ-220X	OPEN
R6127	OPEN	OPEN	OPEN	NDC31HJ-220X	OPEN	NDC31HJ-220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ-220X	OPEN	OPEN	NDC31HJ-220X	OPEN
R6128	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6129	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6130	OPEN	OPEN	OPEN	47k	OPEN	47k	OPEN	OPEN	OPEN	OPEN	47k	OPEN	OPEN	47k	OPEN
R6131	OPEN	OPEN	OPEN	68k	OPEN	68k	OPEN	OPEN	OPEN	OPEN	68k	OPEN	OPEN	68k	OPEN
R6132	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6133	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6134	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
Q6101	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
Q6102	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
L6101	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	NQR0413-003X	OPEN	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	OPEN	NQR0413-003X	OPEN
K6101	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	NQR0413-003X	OPEN	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	OPEN	NQR0413-003X	OPEN
K6102	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	NQR0413-003X	OPEN	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	OPEN	NQR0413-003X	OPEN
K6103	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	NQR0413-003X	OPEN	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	OPEN	NQR0413-003X	OPEN
K6104	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	NQR0413-003X	OPEN	OPEN	OPEN	OPEN	NQR0413-003X	OPEN	OPEN	NQR0413-003X	OPEN
IC6101	OPEN	OPEN	OPEN	SII170BCL64	OPEN	SII170BCL64	OPEN	OPEN	OPEN	OPEN	SII170BCL64	OPEN	OPEN	SII170BCL64	OPEN
IC6103	OPEN	OPEN	OPEN	IC-PST575MJ/-X	OPEN	IC-PST575MJ/-X	OPEN	OPEN	OPEN	OPEN	IC-PST575MJ/-X	OPEN	OPEN	IC-PST575MJ/-X	OPEN
IC6104	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6103	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6104	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6105	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6106	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6107	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6108	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6109	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6110	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6111	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
C6102	OPEN	OPEN	OPEN	10/10 CB1	OPEN	10/10 CB1	OPEN	OPEN	OPEN	OPEN	10/10 CB1	OPEN	OPEN	10/10 CB1	OPEN
C6103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6105	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6106	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6107	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6108	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6109	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6110	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6111	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6112	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6113	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6114	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6115	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6116	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6117	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6119	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6120	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6121	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6122	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6123	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6124	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6128	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6129	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
CN0DVI	OPEN	OPEN	OPEN	QNZ0580-001	OPEN	QNZ0580-001	OPEN	OPEN	OPEN	OPEN	QNZ0580-001	OPEN	OPEN	QNZ0580-001	OPEN
IC6003	OPEN	OPEN	OPEN	MAX3221CDB-X	OPEN	MAX3221CDB-X	OPEN	OPEN	OPEN	OPEN	MAX3221CDB-X	OPEN	OPEN	MAX3221CDB-X	OPEN
C6017	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6018	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6019	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6020	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6021	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
R6041	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6042	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6044	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6045	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6046	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6047	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6049	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6050	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6051	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6052	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
D6001	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6002	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6003	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6004	OPEN	OPEN	OPEN	*4	OPEN	*4	OPEN	OPEN	OPEN	OPEN	*4	OPEN	OPEN	*4	OPEN
R6022	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
Q6001	OPEN	OPEN	OPEN	NPN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	NPN	OPEN
CN0MDR	OPEN	OPEN	OPEN	QNZ0576-002	OPEN	QNZ0576-002	OPEN	OPEN	OPEN	OPEN	QNZ0576-002	OPEN	OPEN	QNZ0576-002	OPEN
R6035	OPEN	OPEN	OPEN	33k	OPEN	33k	OPEN	OPEN	OPEN	OPEN	33k	OPEN	OPEN	33k	OPEN
R6034	1k	1k	1k	6.8k	1k	6.8k	1k	1k	1k	1k	6.8k	1k	1k	6.8k	1k

s10213001c_0930_6/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 16

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

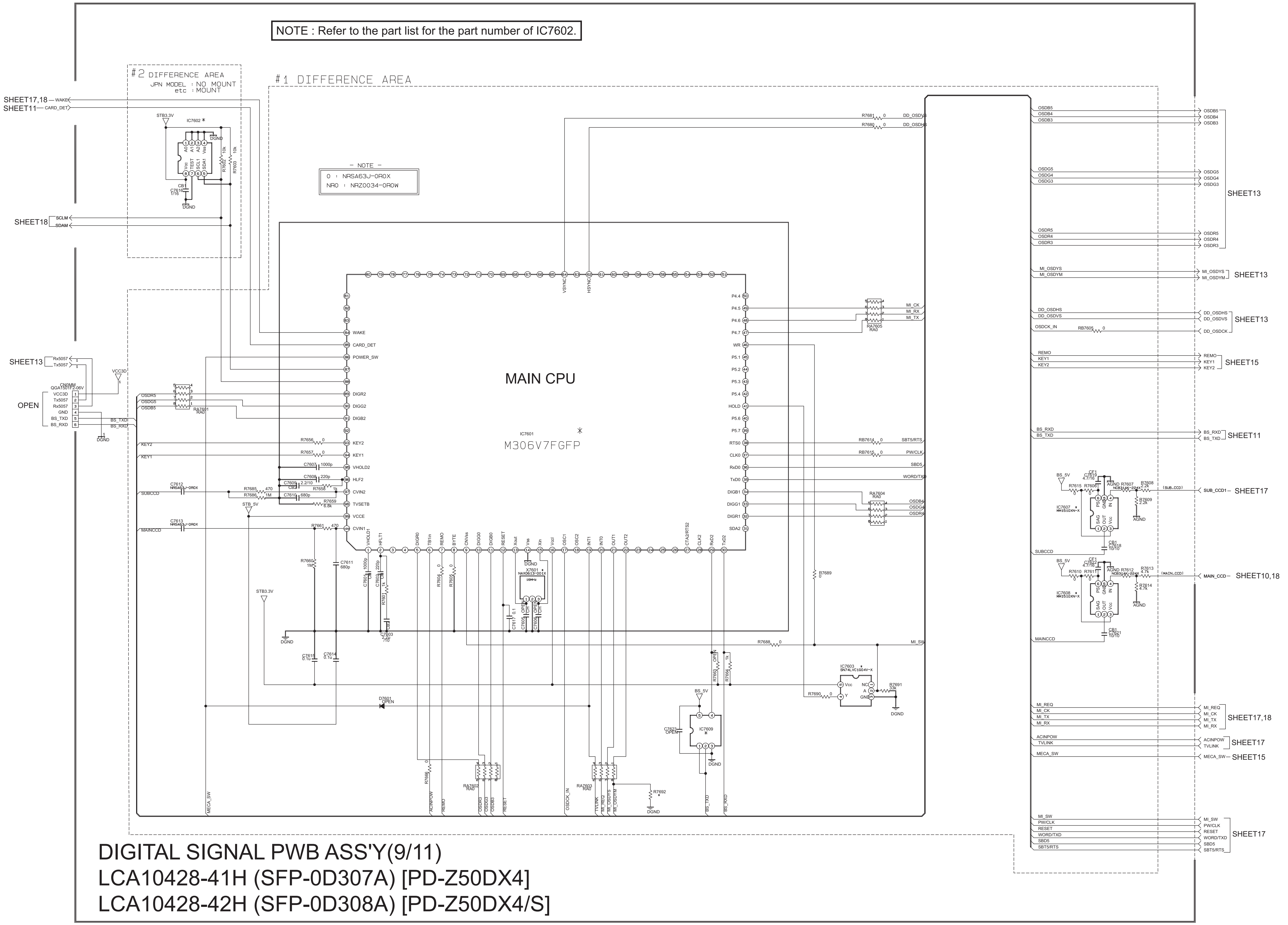
※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (US MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X7601	OPEN	OPEN	OPEN	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7606	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7607	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7612	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7613	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7656	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7657	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7658	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7659	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7660	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7661	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7664	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7666	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7680	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7681	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7685	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7686	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7688	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7689	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7690	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7691	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7601	OPEN	OPEN	OPEN	M306V7FGFP	M306V7FGFP	M306V7FGFP	M306V7FGFP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7603	OPEN	OPEN	OPEN	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7607	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7608	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7607	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7612	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7613	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7617	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7618	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7619	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7621	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7622	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7692	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	10k	10k	10k	10k
IC7609	OPEN	OPEN	OPEN	SN74AHCT1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
IC7602	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	OPEN	OPEN	OPEN	OPEN	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X
R7602	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
R7603	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
C7616	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	OPEN	OPEN	OPEN	OPEN	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1


NOTE : Refer to the part list for the part number of IC7602.
#2 DIFFERENCE AREA
JPN MODEL : NO MOUNT
etc : MOUNT
#1 DIFFERENCE AREA
- NOTE -
0 : NRSA63J-0R0X
NR0 : NRZ0034-0R0W
SHEET17,18 — WAKE
SHEET11 — CARD_DET
SHEET18 SCLM SDAM
SHEET13 Rx5057 Tx5057
OPEN
CN0MM QGA1501F2-06V
VCC3D Tx5057 Rx5057 GND BS_TXD BS_RXD
STB3.3V
IC7602 *
A0 A1 A2 Vss Vcc TEST SCL1 SDA1
R7602 10k
R7603 10k
CB1 C7616 1/16
DGND
VCC3D
RA7601 RA0
OSDR5 OSDG5 OSDB5
KEY2 KEY1
SUBCCD MAINCCD
C7612 NRSA63J-0R0X
C7613 NRSA63J-0R0X
R7685 470
R7686 1M
R7656 0
R7657 0
C7607 1000p
C7608 220p
C7609 CB2 2.2/10
R7658 1k
C7610 680p
R7659 6.8k
R7661 470
STB_5V
WAKE CARD_DET POWER_SW DIGR2 DIGG2 DIGB2 KEY2 KEY1 VHOLD2 HLF2 CVIN2 TVSETB VCCE CVIN1
MAIN CPU
IC7601 *
M306V7FGFP
VSYNC HSYNC
P4.4 P4.5 P4.6 P4.7 WR P5.1 P5.2 P5.3 P5.4 HOLD P5.6 P5.7 RTS0 CLK0 RxD0 TxD0 DIGB1 DIGG1 DIGR1 SDA2
VHOLD1 HFLT1 DIGR0 TB1in REMO BYTE CNVss DIGG0 DIGB0 RESET Xout Vss Xin Vccl OSC1 OSC2 INT1 INT0 OUT1 OUT2 CTA2/RTS2 CLK2 RxD2 TxD2
R7660 1M
C7611 680p
C7601 1000p CH
C7602 220p CH
R7601 1k
C7603 2.2u /10 CB2
R7604 0
R7605 0
X7601 * NAX0613-001X 16MHz
C7617 0.1
C7605 OPEN CH
C7606 OPEN CH
C7615 0.1u
C7614 0.1u
STB3.3V
D7601 OPEN
R7666 0
RA7602 RA0
RA7603 RA0
R7692 *
ACINPOW REMO OSDR3 OSDG3 OSDB3 RESET OSDCK_IN TVLINK MI_REQ MI_OSDYS MI_OSDYM BS_TXD BS_RXD MECA_SW
R7681 0 DD_OSDVS
R7680 0 DD_OSDHS
RA7605 RA0
MI_CK MI_RX MI_TX
RB7614 0 SBT5/RTS
RB7615 0 PW/CLK
SBD5 WORD/TXD
RA7604 RA0
OSDB4 OSDG4 OSDR4
R7689 0
R7688 0 MI_SW
R7663 OPEN
R7664 1k
IC7603 * SN74LVC1G04V-X
Vcc NC A GND Y
R7690 0
R7691 33k
BS_5V
C7623 OPEN
IC7609 *
OSDB5 OSDB4 OSDB3 OSDG5 OSDG4 OSDG3 OSDR5 OSDR4 OSDR3 SHEET13
MI_OSDYS MI_OSDYM SHEET13
DD_OSDHS DD_OSDVS DD_OSDCK SHEET13
OSDCK_IN RB7605 0
REMO KEY1 KEY2 SHEET15
BS_RXD BS_TXD SHEET11
BS_5V
CF1 C7619 4.7/16
R7615 0 R7606 0
AGND R7607 NCB31AK-224X
R7608 2.2k
R7609 2.2k
IC7607 * MM1510XN-X
PS GND IN SAG OUT Vcc
CB1 C7618 10/10
(SUB_CCD) SUB_CCD1 — SHEET17
CF1 C7622 4.7/16
R7610 0 R7611 0
AGND R7612 NCB31AK-224X
R7613 4.7k
R7614 4.7k
IC7608 * MM1510XN-X
CB1 C7621 10/10
(MAIN_CCD) MAIN_CCD — SHEET10,18
MI_REQ MI_CK MI_TX MI_RX SHEET17,18
ACINPOW TVLINK SHEET17
MECA_SW — SHEET15
MI_SW PW/CLK RESET WORD/TXD SBD5 SBT5/RTS SHEET17

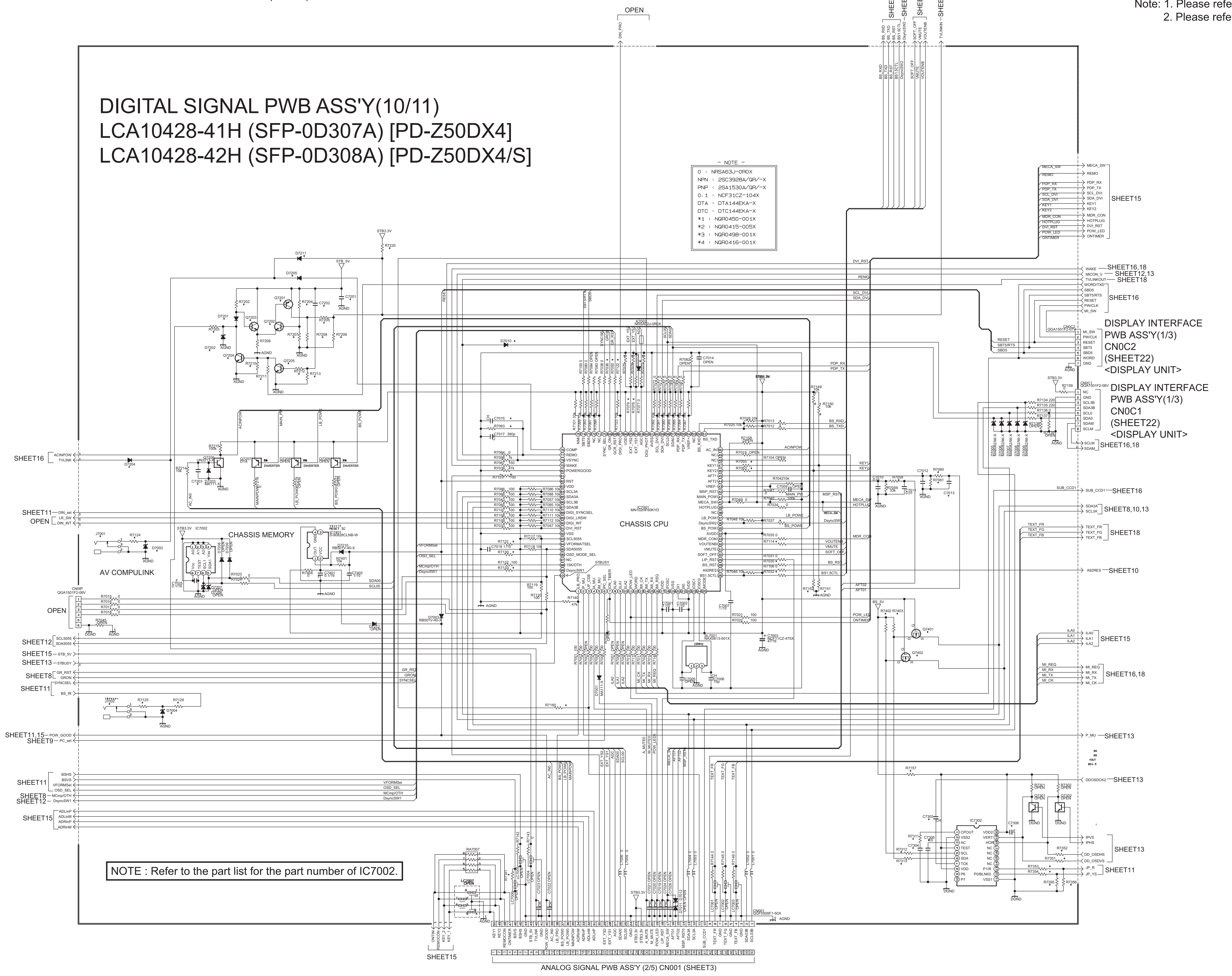
DIGITAL SIGNAL PWB ASS'Y(9/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

s10213001c_0930_5/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 17

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB ASS'Y(10/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]



– NOTE –
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

NOTE : Refer to the part list for the part number of IC7002.

#3 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/etc)

	ATSC /BS-DTV	–	–	–	ATSC CONNECT	–	–	–	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	–	–	–	–
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
VS	R7141	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
HS	R7142	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
ENB	R7114	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
CTL	R7032	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
RST	R7030	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (DIGITAL_IN BLOCK USED MODEL/ etc)

	NOTE			DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED								
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
*DIN_PRO	R7122	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
*DIGI_P-HOT	R7160	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#5 DIFFERENCE LIST (DIGITAL IN MODEL/etc)

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL			DIGITAL IN MODEL	DIGITAL IN MODEL
	Selling Country	EU	EU	EU	US etc	US etc			JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
DsyncSW2	R7037	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0
DsyncSW1	R7133	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7050	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7036	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
C7015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.001	0.001	0.001	0.001	OPEN	OPEN	OPEN	OPEN
R7063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100K	100K	100K	100K	OPEN	OPEN	OPEN	OPEN
J7002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	OPEN	OPEN	OPEN	OPEN
R7125	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	47	47	OPEN	OPEN	OPEN	OPEN
R7131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	OPEN	OPEN	OPEN	OPEN
Q7401	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
Q7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
IC7302	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	OPEN	OPEN	OPEN	OPEN
R7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7403	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7311	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k	1k	1k	OPEN	OPEN	OPEN	OPEN
R7312	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
R7313	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
C7303	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH	OPEN	OPEN	OPEN	OPEN
C7304	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN
C7305	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN
C7306	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1 F	0.1 F	0.1 F	0.1 F	OPEN	OPEN	OPEN	OPEN
R7351	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7352	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7353	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7354	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7356	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7157	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7205	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
D7010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
R7130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

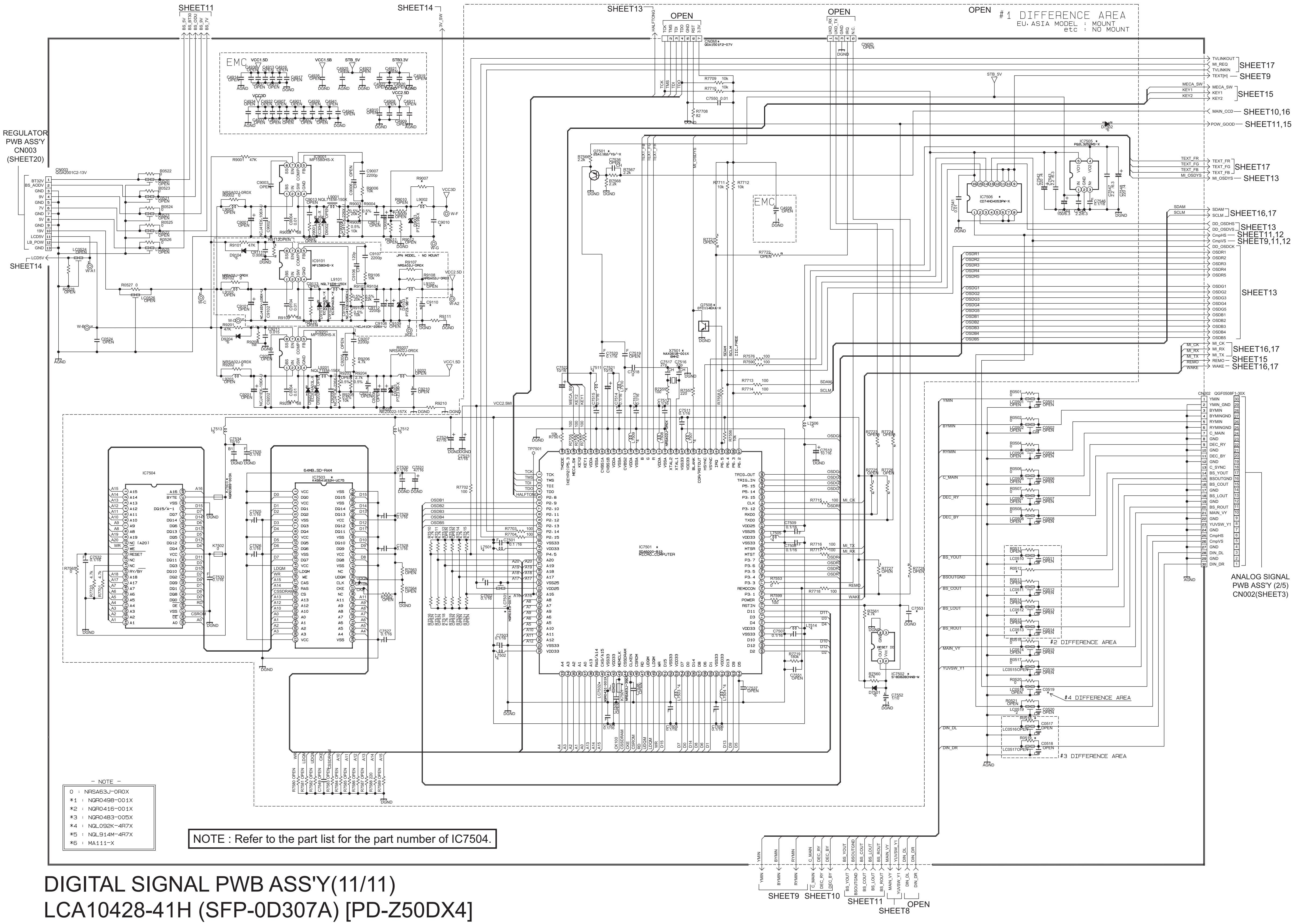
#2 DIFFERENCE LIST (EU MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
Q7201	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7202	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7203	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7204	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7205	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7201	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7202	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7201	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7202	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7202	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7203	220	220	220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7204	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7205	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7206	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7207	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7208	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7209	1.5k	1.5k	1.5k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7210	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7211	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7212	47k	47k	47k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7213	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7078	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7079	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
J7001	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001
D7002	OPEN	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X
R7124	OPEN	OPEN	OPEN	100	100	100	100	100	100	100	100	100	100	100	100

#6 DIFFERENCE LIST

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL				
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
AFT2	R7058	1k	1k	1k	22k	22k	22k	22k	1k	1k	1k	1k	1k	1k	1k	1k
TV_LINK	D7204	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
TVLINKIN	D7211	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X
STB3.3V-TVLINKIN	R7220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	18k	18k	18k	18k
KEY1-GND	R7151	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
KEY2-GND	R7152	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
MECA_SW-GND	R7040	33k	33k	33k	100k	100k	100k	100k	100k	100k	100k	100k	33k	33k	33k	33k
KEY2	R7053	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
KEY1	R7055	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
AGC-GND	R7073	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS1-GND	R7074	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS2-GND	R7075	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
AFT1	C7012	1/10	1/10	1/10	0.01	0.015/16	0.01	0.015/16	1/10	1/10	1/10	1/10	0.1/16	0.1/16	0.1/16	0.1/16
AFT1	R7060	47k	47k	47k	22k	22k	22k	22k	33k	33k	33k	33k	47k	47k	47k	47k
AFT1	R7061	100k	100k	100k	OPEN	33k	OPEN	33k	150k	150k	150k	150k	100k	100k	100k	100k
AFT1	C7013	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
※	C7203	F 0.1/16	F 0.1/16	F 0.1/16	0.047/16	0.047/16	0.047/16	F 0.1/16	F 0.1/16	0.039/16	F 0.1/16	0.039/16	F 0.1/16	F 0.1/16	0.047/16	F 0.1/16
	D7013	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

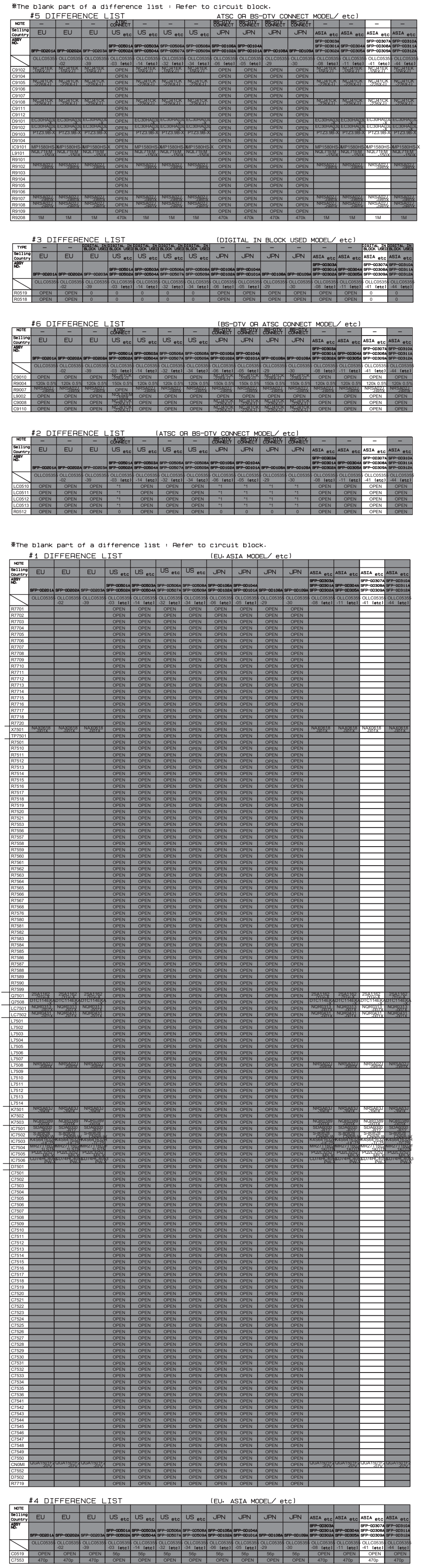
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18


SHEET11
SHEET14
SHEET13
OPEN
OPEN
OPEN
#1 DIFFERENCE AREA
EU·ASIA MODEL : MOUNT
etc : NO MOUNT
EMC
REGULATOR
PWB ASS'Y
CN003
(SHEET20)
SHEET14
IC7504
64MB-SD-RAM
IC7503
IC7501
MICROCOMPUTER
IC7505
IC7506
IC7502
RESET IC
SHEET17
SHEET9
SHEET15
SHEET10,16
SHEET11,15
SHEET17
SHEET13
SHEET16,17
SHEET13
SHEET11,12
SHEET9,11,12
SHEET13
SHEET16,17
SHEET15
SHEET16,17
CN002
ANALOG SIGNAL
PWB ASS'Y (2/5)
CN002(SHEET3)
#2 DIFFERENCE AREA
#4 DIFFERENCE AREA
#3 DIFFERENCE AREA
SHEET9
SHEET10
SHEET11
SHEET8
OPEN

- NOTE -
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

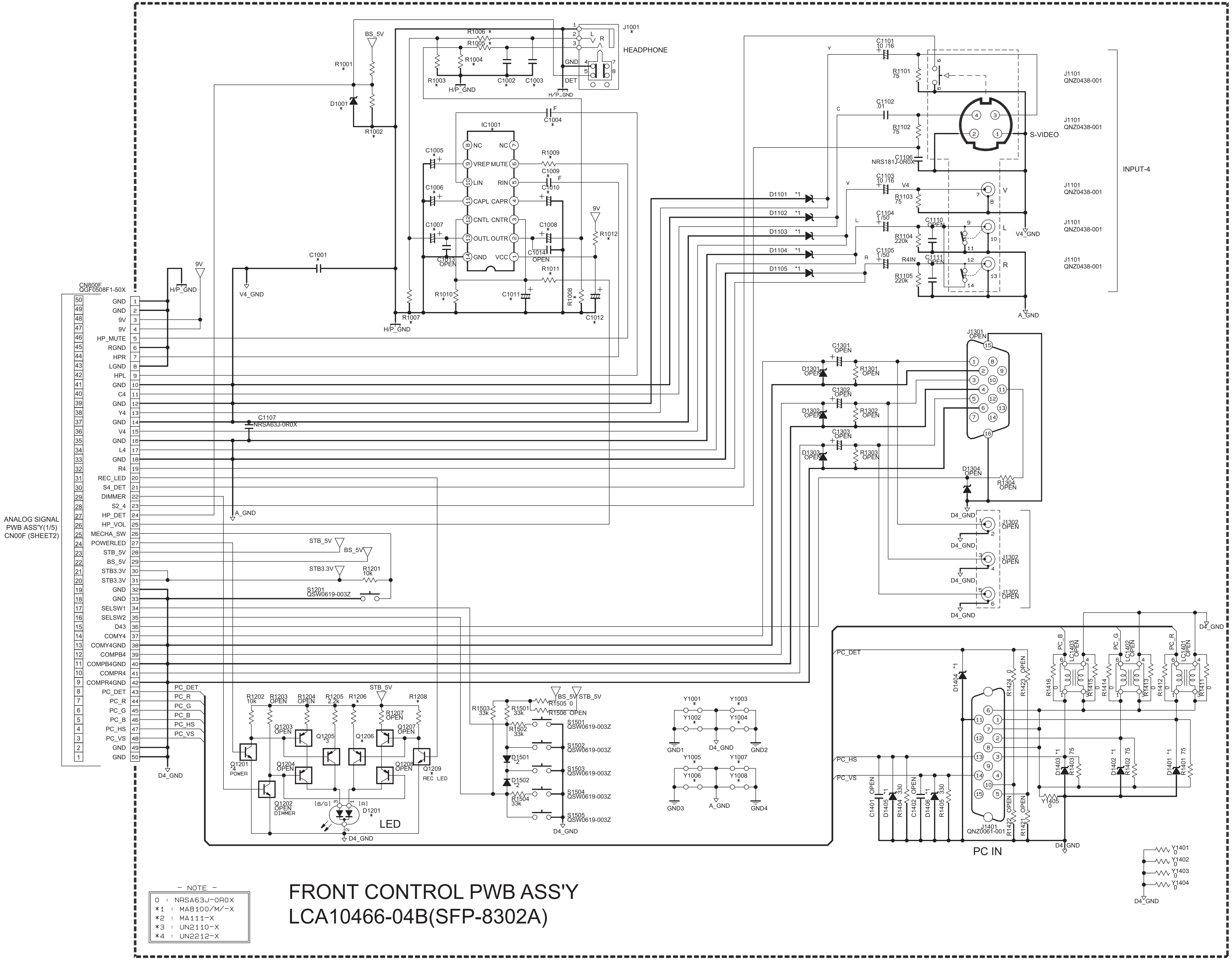
NOTE : Refer to the part list for the part number of IC7504.

DIGITAL SIGNAL PWB ASS'Y(11/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]


*The blank part of a difference list · Refer to circuit block.
#5 DIFFERENCE LIST
#3 DIFFERENCE LIST
#6 DIFFERENCE LIST
#2 DIFFERENCE LIST
*The blank part of a difference list · Refer to circuit block.
#1 DIFFERENCE LIST
#4 DIFFERENCE LIST

s10213001c_0930_12/12_0.0

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 19


J1001
HEADPHONE
IC1001
S-VIDEO
INPUT-4
J1101 QNZ0438-001
J1301 OPEN
J1302 OPEN
PC IN
J1401 QNZ0061-001
LED
CN800F QGF0508F1-50X
ANALOG SIGNAL PWB ASS'Y(1/5) CN00F (SHEET2)
GND
9V
HP_MUTE
RGND
HPR
LGND
HPL
C4
Y4
V4
L4
R4
REC_LED
S4_DET
DIMMER
S2_4
HP_DET
HP_VOL
MECHA_SW
POWERLED
STB_5V
BS_5V
STB3.3V
SELSW1
SELSW2
D43
COMY4
COMY4GND
COMPB4
COMPB4GND
COMPR4
COMPR4GND
PC_DET
PC_R
PC_G
PC_B
PC_HS
PC_VS
A_GND
D4_GND
V4_GND
H/P_GND
S1201 QSW0619-003Z
S1501 QSW0619-003Z
S1502 QSW0619-003Z
S1503 QSW0619-003Z
S1504 QSW0619-003Z
S1505 QSW0619-003Z

- NOTE -
0 : NRSA63J-0R0X
*1 : MA8100/M/-X
*2 : MA111-X
*3 : UN2110-X
*4 : UN2212-X

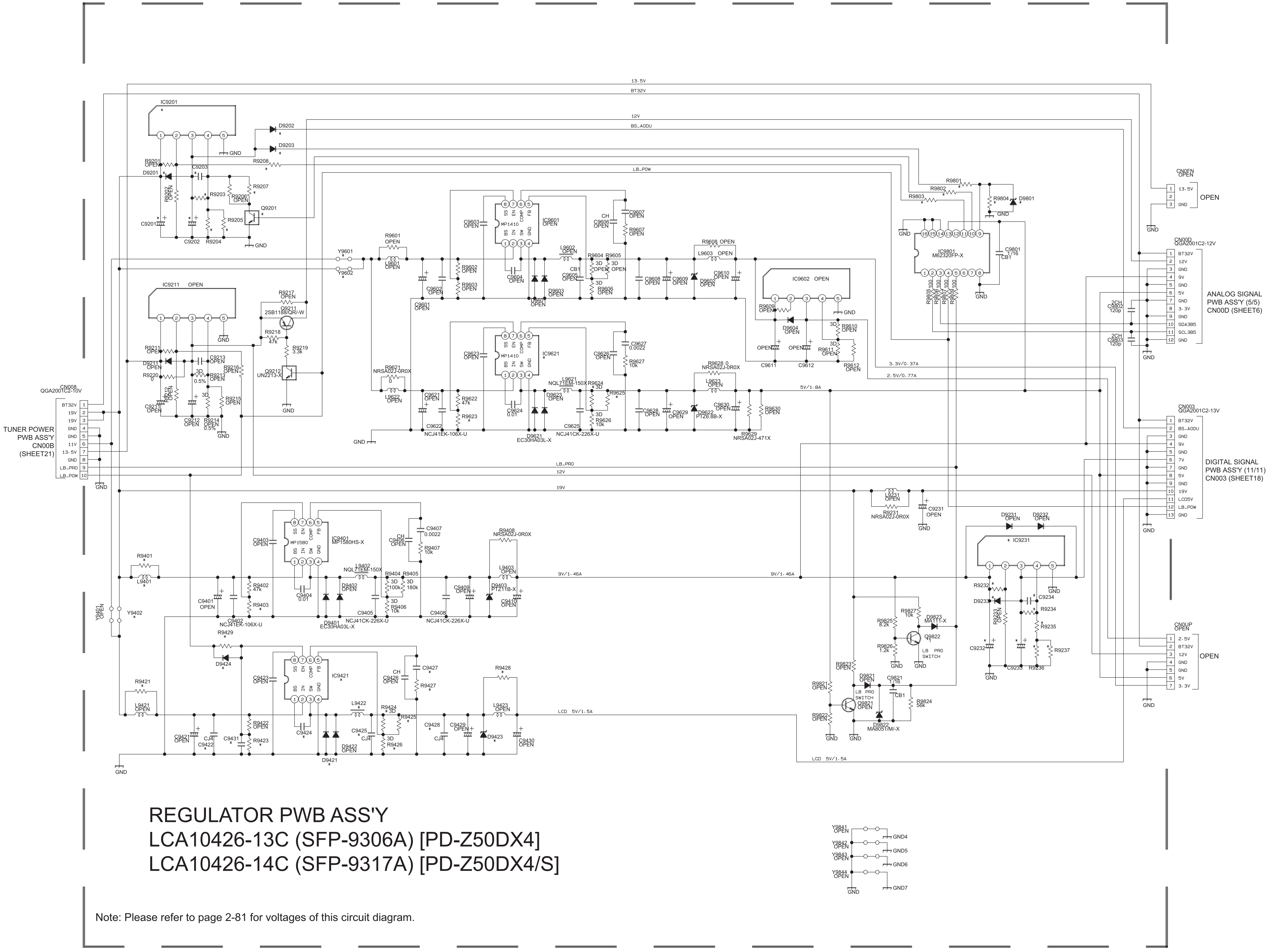
FRONT CONTROL PWB ASS'Y
LCA10466-04B(SFP-8302A)

* DIFFERENCE LIST

NOTE	US	TAIWAN KOREA	ASIA
MODEL	TU-50X795ZA TU-42X795SA	TU-50X575TZA TU-50X575KZA	TU-Z50DX4A TU-Z50DX4SA TU-Z50DX4CA
ASSY NO.	SFP-8501A	SFP-8506A	SFP-8302A
	OLLC05783	OLLC05783-03	OLLC05783-04
C1001	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X
C1002	OPEN	OPEN	0.1
C1003	OPEN	OPEN	0.1
C1004	OPEN	OPEN	1/10 F
C1005	OPEN	OPEN	10/16
C1006	OPEN	OPEN	1/50
C1007	OPEN	OPEN	100/10
C1008	OPEN	OPEN	100/10
C1009	OPEN	OPEN	1/10 F
C1010	OPEN	OPEN	1/50
C1011	OPEN	OPEN	1/50
C1012	OPEN	OPEN	100/10
D1001	OPEN	OPEN	MA8039/H/-X
D1201	SMLU12E16W-P	SMLU12E16W-P	SMLU12E16W-P
IC1001	OPEN	OPEN	NJM2777M-X
J1001	OPEN	OPEN	QNS0051-001
R1001	OPEN	OPEN	10k
R1002	10k	10k	OPEN
R1003	OPEN	OPEN	1k
R1004	OPEN	OPEN	1k
R1005	OPEN	OPEN	100
R1006	OPEN	OPEN	100
R1007	OPEN	OPEN	22k
R1008	OPEN	OPEN	22k
R1009	OPEN	OPEN	100
R1010	OPEN	OPEN	22k
R1011	OPEN	OPEN	10k
R1012	OPEN	OPEN	QRL036J-330
Y1001	0	OPEN	OPEN
Y1002	0	OPEN	OPEN
Y1003	0	OPEN	OPEN
Y1004	0	OPEN	OPEN
Y1005	0	OPEN	OPEN
Y1006	0	OPEN	OPEN
Y1007	0	OPEN	OPEN
Y1008	0	OPEN	OPEN
Q1206	*3	*3	OPEN
Q1209	*4	*4	OPEN
R1206	3.3k	3.3k	OPEN
R1208	10k	10k	OPEN

c10281001b_1119_1/1_0.0

REGULATOR PWB CIRCUIT DIAGRAM SHEET 20



13.5V
BT32V
12V
BS_ADDU
LB_POW
LB_PRO
19V
IC9201
D9202
D9203
R9201 OPEN
D9201
C9203
R9207
R9208
R9203
R9206 OPEN
Q9201
R9205
C9201
C9202
R9204
GND
IC9211 OPEN
Q9211 2SB1188/Q/R/-W
R9217 OPEN
R9218 47k
R9219 3.3k
Q9212 UN2213-X
R9211 OPEN
D9211 OPEN
C9213 OPEN
R9216 OPEN
R9220 0
R9212 OPEN
C9211 OPEN
C9212 OPEN
R9214 OPEN
R9215 OPEN
CN008 QGA2001C2-10V
TUNER POWER PWB ASS'Y CN00B (SHEET21)
Y9601
Y9602
R9601 OPEN
L9601 OPEN
C9601 OPEN
C9602 OPEN
R9602 OPEN
R9603 OPEN
C9603 OPEN
IC9601 OPEN
MP1410
C9604 OPEN
D9603 OPEN
D9601 OPEN
L9602 OPEN
CB1
C9605 OPEN
R9604 R9605 3D OPEN 3D OPEN
R9606 OPEN
C9607 OPEN
R9607 OPEN
C9606 OPEN
C9608 OPEN
C9609 OPEN
D9602 OPEN
R9608 OPEN
L9603 OPEN
C9610 OPEN
IC9602 OPEN
R9609 OPEN
D9604 OPEN
R9610 OPEN
R9611 OPEN
R9612 OPEN
C9611
C9612
R9621 NRSA02J-0R0X
L9622 OPEN
C9621 OPEN
C9622 NCJ41EK-106X-U
R9622 47k
R9623
C9623 OPEN
IC9621
MP1410
C9624 0.01
D9621 EC30HA03L-X
D9623 OPEN
L9621 NQL71EM-150X
C9625 NCJ41CK-226X-U
R9624 3D
R9625
R9626 10k
C9626 OPEN
C9627 0.0022
R9627 10k
C9628 OPEN
C9629 OPEN
D9622 PTZ6.8B-X
R9628 0 NRSA02J-0R0X
L9623 OPEN
C9630 OPEN
R9629 NRSA02J-471X
R9630 OPEN
3.3V/0.37A
2.5V/0.77A
5V/1.8A
R9801
R9802
R9803
R9804
D9801
IC9801 M62320FP-X
C9801 1/16
CB1
R9805 100
R9806 100
R9807 100
R9808 100
CN0FN OPEN
OPEN
CN00D QGA2001C2-12V
ANALOG SIGNAL PWB ASS'Y (5/5) CN00D (SHEET6)
C9802 2CH 120p
C9803 2CH 120p
SDA3B5
SCL3B5
CN003 QGA2001C2-13V
DIGITAL SIGNAL PWB ASS'Y (11/11) CN003 (SHEET18)
LCD5V
L9231 OPEN
R9231 NRSA02J-0R0X
C9231 OPEN
D9231 OPEN
D9232 OPEN
IC9231
R9232
D9233
C9234
R9233 OPEN
R9234
R9235
R9237
C9232
C9233
R9236
R9825 8.2k
R9827 10k
D9823 MA111-X
Q9822
R9826 1.2k
LB PRO SWITCH
R9823 OPEN
D9821 OPEN
C9821 1/16
CB1
R9821 OPEN
Q9821 OPEN
R9824 56k
R9822 OPEN
D9822 MA8051/M/-X
CN0UP OPEN
OPEN
R9401
L9401
Y9401 OPEN
Y9402
C9401 OPEN
R9402 47k
R9403
C9402 NCJ41EK-106X-U
C9403 OPEN
IC9401 MP1580HS-X
MP1580
C9404 0.01
D9402 OPEN
D9401 EC30HA03L-X
L9402 NQL71EM-150X
R9404 R9405 3D 100k 3D 180k
R9406 10k
C9405 NCJ41CK-226X-U
C9406 OPEN
C9407 0.0022
R9407 10k
C9408 NCJ41CK-226X-U
C9409 OPEN
R9408 NRSA02J-0R0X
L9403 OPEN
D9403 PTZ11B-X
C9410 OPEN
9V/1.46A
R9429
D9424
R9421
L9421 OPEN
C9421 OPEN
C9422
CJ4
R9422 OPEN
C9431
R9423
C9423 OPEN
IC9421
C9424
D9421
D9422 OPEN
L9422
C9425
CJ4
R9424 3D
R9425
R9426 3D
C9426 CH
C9427
R9427
C9428 CJ4
C9429 OPEN
R9428
L9423 OPEN
D9423
C9430 OPEN
LCD 5V/1.5A
Y9841 OPEN
Y9842 OPEN
Y9843 OPEN
Y9844 OPEN
GND4
GND5
GND6
GND7

* DEFFERENCE LIST

	ASSY NO.	SFP-9517A SFP-9320A SFP-9319A SFP-9307A SFP-9206A SFP-9514A SFP-9203A	SFP-9507A	SFP-9116A SFP-9106A	SFP-9122A	SFP-9318A SFP-9317A SFP-9306A SFP-9520A
		OLLC05108 (-07~-11) (-17)	OLLC05108 -02	OLLC05108 -03 (-04)	OLLC07151	OLLC05108 -12 (-13~-15)
5V	IC9621	MP1410ES-X	MP1580HS-X	MP1410ES-X	MP1580HS-X	MP1580HS-X
	R9623	33k	15k	33k	33k	15k
	R9624	47k 3D	33k 3D	47k 3D	47k 3D	33k 3D
	R9625	91k 3D	820k	91k 3D	91k 3D	820k
BS 15V	IC9201	OPEN	OPEN	PQ20WZ11-X	PQ20WZ11-X	OPEN
	D9201	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9202	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9203	OPEN	OPEN	MA111-X	MA111-X	OPEN
	Q9201	OPEN	OPEN	UN2213-X	UN2213-X	OPEN
	C9201	OPEN	OPEN	NEHM1EM-336X	NEHM1EM-336X	OPEN
	C9202	OPEN	OPEN	NEHM1EM-336X	NEHM1EM-336X	OPEN
	C9203	OPEN	OPEN	0.1	0.1	OPEN
	R9203	OPEN	OPEN	NRSA63D-183X	NRSA63D-183X	OPEN
	R9204	OPEN	OPEN	NRSA63D-682X	NRSA63D-682X	OPEN
	R9205	OPEN	OPEN	33k	33k	OPEN
	R9207	OPEN	OPEN	NRSA63D-103X	NRSA63D-103X	OPEN
	R9208	OPEN	OPEN	33k	33k	OPEN
9V	R9401	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X
	R9403	18k	15k	18k	18k	15k
	L9401	OPEN	OPEN	NQL52EM-220X	NQL52EM-220X	OPEN
7V	IC9231	OPEN	OPEN	PQ20WZ11-X	PQ20WZ11-X	OPEN
	D9233	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	C9232	OPEN	OPEN	NEHM1CM-476X	NEHM1CM-476X	OPEN
	C9233	OPEN	OPEN	NEHM1CM-476X	NEHM1CM-476X	OPEN
	C9234	OPEN	OPEN	0.1	0.1	OPEN
	R9232	OPEN	OPEN	10k	10k	OPEN
	R9234	OPEN	OPEN	4.7k	4.7k	OPEN
	R9235	OPEN	OPEN	0	0	OPEN
	R9236	OPEN	OPEN	NRSA63D-332X	NRSA63D-332X	OPEN
	R9237	OPEN	OPEN	18k	18k	OPEN
LCD 5V	C9422	OPEN	10/25 CJ4	10/25 CJ4	10/25 CJ4	OPEN
	C9424	OPEN	0.01	0.01	0.01	OPEN
	C9425	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9427	OPEN	2200p	2200p	2200p	OPEN
	C9428	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9431	OPEN	8200p	8200p	8200p	OPEN
	D9421	OPEN	EC30HA03L-X	EC30HA03L-X	EC30HA03L-X	OPEN
	D9423	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN
	D9424	OPEN	MA111-X	MA111-X	MA111-X	OPEN
	IC9421	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN
	L9422	OPEN	NQL71EM-150X	NQL71EM-150X	NQL71EM-150X	OPEN
	R9421	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN
	R9423	OPEN	820k	820k	820k	OPEN
	R9424	OPEN	12k 3D	12k 3D	12k 3D	OPEN
	R9425	OPEN	120k	120k	120k	OPEN
	R9426	OPEN	10k 3D	10k 3D	10k 3D	OPEN
	R9427	OPEN	10k	10k	10k	OPEN
	R9428	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN
	R9429	OPEN	47k	47k	47k	OPEN
	Y9402	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN
ON/OFF PROTECT	D9801	OPEN	OPEN	MA8051/M/-X	MA8051/M/-X	OPEN
	R9801	OPEN	OPEN	12k	12k	OPEN
	R9802	OPEN	OPEN	100	100	OPEN
	R9803	OPEN	OPEN	100	100	OPEN
	R9804	OPEN	OPEN	10k	10k	OPEN
Vin SERECT	Y9601	0	OPEN	0	OPEN	OPEN
	Y9602	OPEN	NRSA02J-0R0X	OPEN	NRSA02J-0R0X	NRSA02J-0R0X

REGULATOR PWB ASS'Y
LCA10426-13C (SFP-9306A) [PD-Z50DX4]
LCA10426-14C (SFP-9317A) [PD-Z50DX4/S]

Note: Please refer to page 2-81 for voltages of this circuit diagram.

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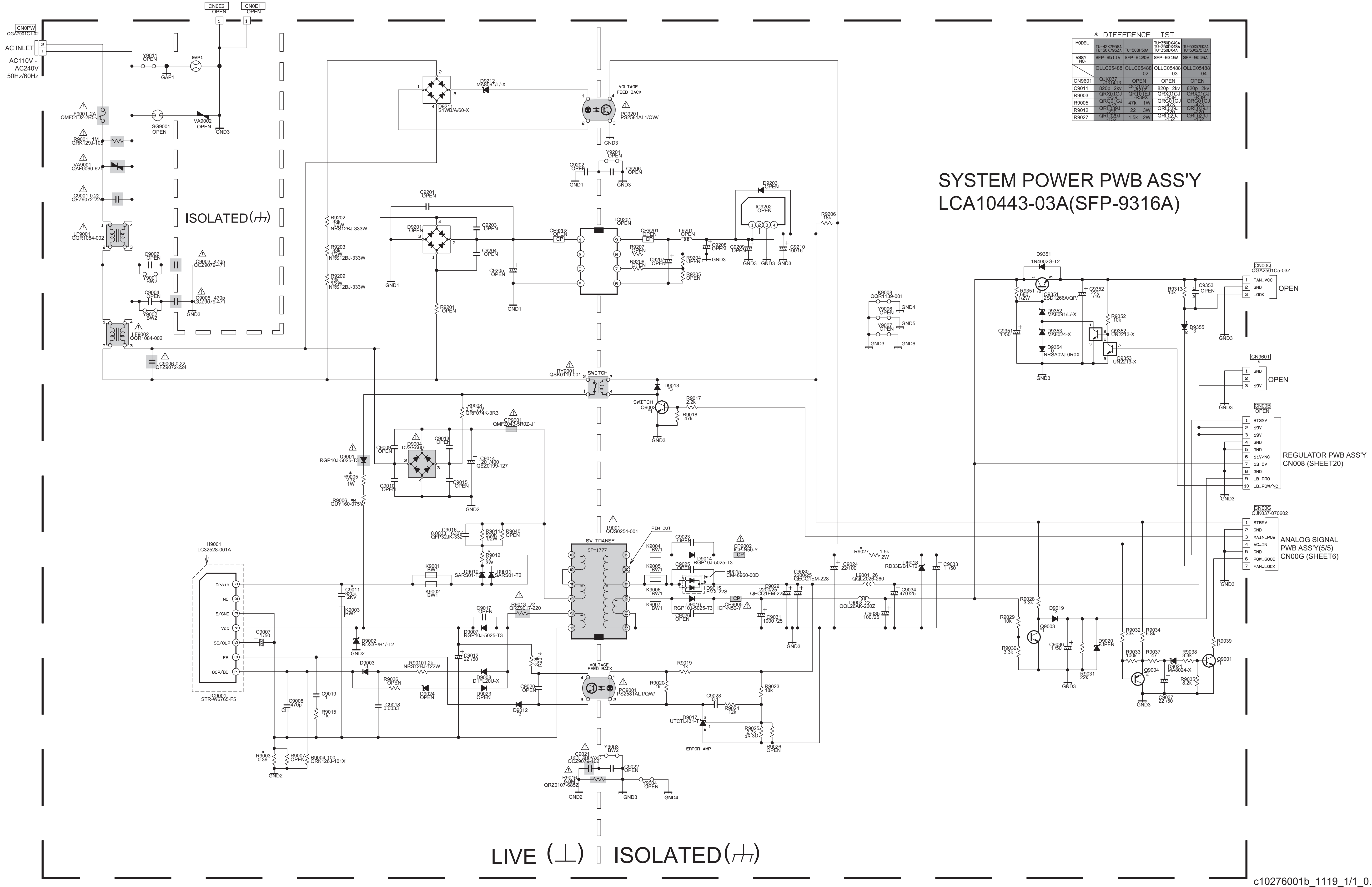
CN0PW
QGA7901C1-02
AC INLET
AC110V - AC240V
50Hz/60Hz
CN0E2 OPEN
CN0E1 OPEN
Y9011 OPEN
GAP1
F9001 2A
QMF51D2-2R5-J1
R9001 1M
QRK129J-105
VA9001
QAF0060-621
C9001 0.22
QFZ9072-224
LF9001
QQR1084-002
SG9001 OPEN
VA9002 OPEN
GND3
C9002 OPEN
Y9001 BW2
C9003 470p
QCZ9079-471
C9004 OPEN
Y9002 BW2
C9005 470p
QCZ9079-471
LF9002
QQR1084-002
C9006 0.22
QFZ9072-224
ISOLATED
D9211
S1WB/A/60-X
D9212
MA8091/L/-X
VOLTAGE FEED BACK
PC9201
PS2581AL1/QW/
GND3
C9202 OPEN
Y9201 OPEN
C9206 OPEN
GND1
C9201 OPEN
R9202 33k 1/2W
NRS12BJ-333W
R9203 33k 1/2W
NRS12BJ-333W
R9209 33k 1/2W
NRS12BJ-333W
D9201 OPEN
C9203 OPEN
C9204 OPEN
C9205 OPEN
R9201 OPEN
CP9202 OPEN
IC9201 OPEN
CP9201 OPEN
L9201 OPEN
R9207 OPEN
R9208 OPEN
C9207 OPEN
R9204 OPEN
R9205 OPEN
C9208 OPEN
D9203 OPEN
IC9202 OPEN
C9209 OPEN
C9210 100/16
R9206 18k
K9008
QQR1139-001
Y9006 OPEN
Y9007 OPEN
GND4
GND5
GND6
D9351
1N4002G-T2
Q9351
2SD1266A/QP/
R9351 680 1/2W
C9352 220 /16
D9352
MA8091/L/-X
D9353
MA8024-X
D9354
NRSA02J-0R0X
C9351 1/50
R9352 10k
Q9352
UN2213-X
Q9353
UN2213-X
R9313 10k
C9353 OPEN
D9355 3
CN00Q
QGA2501C5-03Z
FAN_VCC
GND
LOCK
OPEN
CN9601
GND
15V
OPEN
CN00B OPEN
BT32V
15V
15V
GND
GND
11V/NC
13.5V
GND
LB_PRO
LB_POW/NC
REGULATOR PWB ASS'Y
CN008 (SHEET20)
CN00G
QJK037-070602
STB5V
GND
MAIN_POW
AC_IN
GND
POW_GOOD
FAN_LOCK
ANALOG SIGNAL
PWB ASS'Y(5/5)
CN00G (SHEET6)
RY9001
QSK0119-001
SWITCH
D9013
SWITCH
Q9002
R9017 2.2k
R9018 47k
R9008 3.3 7W
QRF074K-3R3
CP9001
QMFZ043-SR0Z-J1
D9004
D2SBA60
C9009 OPEN
C9013 OPEN
C9014 120 /400
QEZ0199-127
C9010 OPEN
C9015 OPEN
D9001
RGP10J-5025-T3
R9005 47k 1W
R9006 6M
QUY160-075V
T9001
QQS0254-001
SW TRANSF
ST-1777
PIN CUT
C9016 0.0033 630V
QFP32JK-332
R9011 560k 1/2W
R9040 OPEN
R9012 22 3W
D9010
SARS01-T2
D9011
SARS01-T2
K9001 BW1
K9002 BW1
H9001
LC32528-001A
Drain
NC
S/GND
Vcc
SS/OLP
FB
OCP/BD
IC9001
STR-W6765-F5
C9011 820p 2kV
K9003 BW1
C9007 1/50
D9002
RD33E/B1/-T2
C9017 OPEN
R9013 22
QRZ9017-220
D9007
RGP10J-5025-T3
C9012 22 /50
D9003
R9010 1.2k
NRS12BJ-122W
R9014 2.2k
R9036 OPEN
D9024 OPEN
D9008
DTFL20U-X
D9023 OPEN
C9020 OPEN
D9012
C9008 470p
C9019 .1
R9015 1k
C9018 0.0033
R9003 0.39
R9007 OPEN
R9004 100
QRK126J-101X
K9004 BW1
C9023 OPEN
D9014
RGP10J-5025-T3
CP9002
ICP-N50-Y
K9005 BW1
C9025 OPEN
H9015
CM48960-00D
D9015
FMX-22S
K9006 BW1
K9007 BW1
D9016
RGP10J-5025-T3
C9026 OPEN
CP9005
ICP-N50-Y
C9029 2200/25
QECQ1EM-228
C9030 2200/25
QECQ1EM-228
C9024 22/100
R9027 1.5k 2W
D9018
RD33E/B1/-T2
C9033 1 /50
L9001 26
QQL2026-260
C9034 470/25
C9031 1000 /25
L9002 22
QQL26AK-220Z
C9035 100/25
R9028 3.3k
D9019
R9029 10k
Q9003
R9030 3.3k
C9036 1/50
R9031 22K
D9020 OPEN
R9032 33k
R9034 6.8k
R9033 100k
R9037 47
D9021
MA8024-X
R9038 3.3k
R9039 0
Q9001
Q9004
C9037 22 /50
R9035 8.2k
VOLTAGE FEED BACK
PC9001
PS2581AL1/QW/
R9019 1k
R9020 1k
R9023 18k
C9028 0.1
R9024 12k
D9017
UTCTL431-T
ERROR AMP
R9025 2.7k 1% 3D
R9026 OPEN
C9021 .001 400VAC
QCZ9079-102
Y9003 BW2
C9022 OPEN
R9016 6.8M
QRZ0107-685Z
Y9004 OPEN
GND2
GND3
GND4
LIVE (⊥) ISOLATED

SYSTEM POWER PWB ASS'Y
LCA10443-03A(SFP-9316A)

* DIFFERENCE LIST

MODEL	TU-42X795SA TU-50X795ZA	TU-50DH50A	TU-Z50DX4CA TU-Z50DX4SA TU-Z50DX4A	TU-50X575KZA TU-50X575TZA
ASSY NO.	SFP-9511A	SFP-9120A	SFP-9316A	SFP-9516A
	OLLC05488	OLLC05488 -02	OLLC05488 -03	OLLC05488 -04
CN9601	QJK037 -031413	OPEN	OPEN	OPEN
C9011	820p 2kv	QCZ0354 -821Z	820p 2kv	820p 2kv
R9003	QRX01GJ -R39	QRT01EJ -R39X	QRX01GJ -R39	QRX01GJ -R39
R9005	QRG01GJ -473	47k 1W	QRG01GJ -473	QRG01GJ -473
R9012	QRL039J -220	22 3W	QRL039J -220	QRL039J -220
R9027	QRL029J -152	1.5k 2W	QRL029J -152	QRL029J -152

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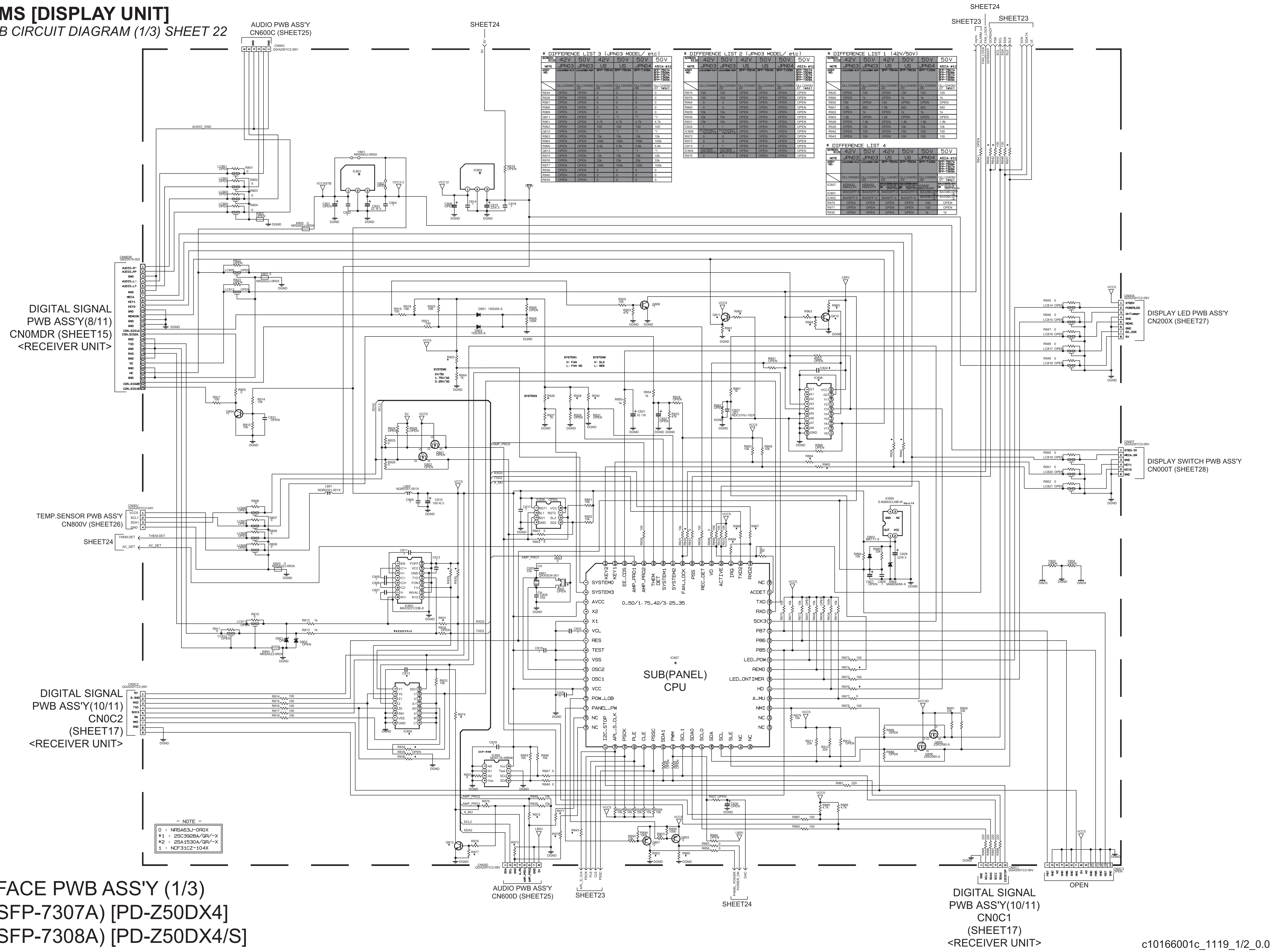
CIRCUIT DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (1/3) SHEET 22


AUDIO PWB ASS'Y
CN600C (SHEET25)
SHEET24
SHEET23
SHEET24
SHEET23
vsync
ALARM
FAN_LOCK
I2CREADY
DIGITAL SIGNAL
PWB ASS'Y(8/11)
CN0MDR (SHEET15)
<RECEIVER UNIT>
DISPLAY LED PWB ASS'Y
CN200X (SHEET27)
DISPLAY SWITCH PWB ASS'Y
CN000T (SHEET28)
TEMP.SENSOR PWB ASS'Y
CN800V (SHEET26)
SHEET24
THEM.DET
AC_DET
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C2
(SHEET17)
<RECEIVER UNIT>
IC807
SUB(PANEL)
CPU
AUDIO PWB ASS'Y
CN600D (SHEET25)
SHEET23
SHEET24
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C1
(SHEET17)
<RECEIVER UNIT>
OPEN

* DIFFERENCE LIST 3 (JPN03 MODEL/ etc)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA・etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R834	OPEN	OPEN	0	0	0	0
R836	OPEN	OPEN	0	0	0	0
R967	OPEN	OPEN	0	0	0	0
R968	OPEN	OPEN	0	0	0	0
R969	OPEN	OPEN	0	0	0	0
Q811	OPEN	OPEN	*1	*1	*1	*1
R961	OPEN	OPEN	4.7k	4.7k	4.7k	4.7k
R962	OPEN	OPEN	100	100	100	100
Q812	OPEN	OPEN	*1	*1	*1	*1
R963	OPEN	OPEN	15k	15k	15k	15k
R964	OPEN	OPEN	100k	100k	100k	100k
R965	OPEN	OPEN	5.6k	5.6k	5.6k	5.6k
Q813	OPEN	OPEN	*1	*1	*1	*1
R974	OPEN	OPEN	10k	10k	10k	10k
R976	OPEN	OPEN	33k	33k	33k	33k
R977	OPEN	OPEN	100k	100k	100k	100k
R939	OPEN	OPEN	0	0	0	0
R940	OPEN	OPEN	0	0	0	0
R839	OPEN	OPEN	0	0	0	0

* DIFFERENCE LIST 2 (JPN03 MODEL/ etc)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA・etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R874	100	100	OPEN	OPEN	OPEN	OPEN
R876	100	100	OPEN	OPEN	OPEN	OPEN
R864	0	0	OPEN	OPEN	OPEN	OPEN
R865	0	0	OPEN	OPEN	OPEN	OPEN
R829	10k	10k	OPEN	OPEN	OPEN	OPEN
R830	10k	10k	OPEN	OPEN	OPEN	OPEN
R831	10k	10k	OPEN	OPEN	OPEN	OPEN
C824	.1	.1	OPEN	OPEN	OPEN	OPEN
IC808	TC74VHCT 541AFTX	TC74VHCT 541AFTX	OPEN	OPEN	OPEN	OPEN
R972	0	0	OPEN	OPEN	OPEN	OPEN
R973	0	0	OPEN	OPEN	OPEN	OPEN
C813	.1	.1	OPEN	OPEN	OPEN	OPEN
IC804	CD74HC 4053PW-X	CD74HC 4053PW-X	OPEN	OPEN	OPEN	OPEN
R975	0	0	OPEN	OPEN	OPEN	OPEN

* DIFFERENCE LIST 1 (42V/50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA・etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R820	OPEN	100	OPEN	100	100	100
R860	OPEN	1k	OPEN	1k	1k	1k
R892	100	OPEN	100	OPEN	OPEN	OPEN
R901	1.8k	560	1.8k	560	560	560
R902	OPEN	1k	OPEN	1k	1k	1k
R903	1.8k	OPEN	1.8k	OPEN	OPEN	OPEN
R926	OPEN	1.8k	OPEN	1.8k	1.8k	1.8k
R928	OPEN	10k	OPEN	10k	10k	10k
R942	OPEN	100	OPEN	100	100	100
R943	OPEN	100	OPEN	100	100	100

* DIFFERENCE LIST 4

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA・etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
IC807	HD6433 684A27H	HD6433 684A27H	HD6433685A80H OR HD64F 3687A80H	HD6433685A80H OR HD64F 3687A80H	HD64F 3687B04H	HD6433685A80H OR HD64F 3687A80H
IC801	BA033FP-X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA33BC0FP -X
IC802	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP -X	BA50BC0FP -X
R970	OPEN	OPEN	OPEN	OPEN	100	OPEN
R971	OPEN	OPEN	OPEN	OPEN	100	OPEN
R930	OPEN	OPEN	OPEN	OPEN	1k	1k

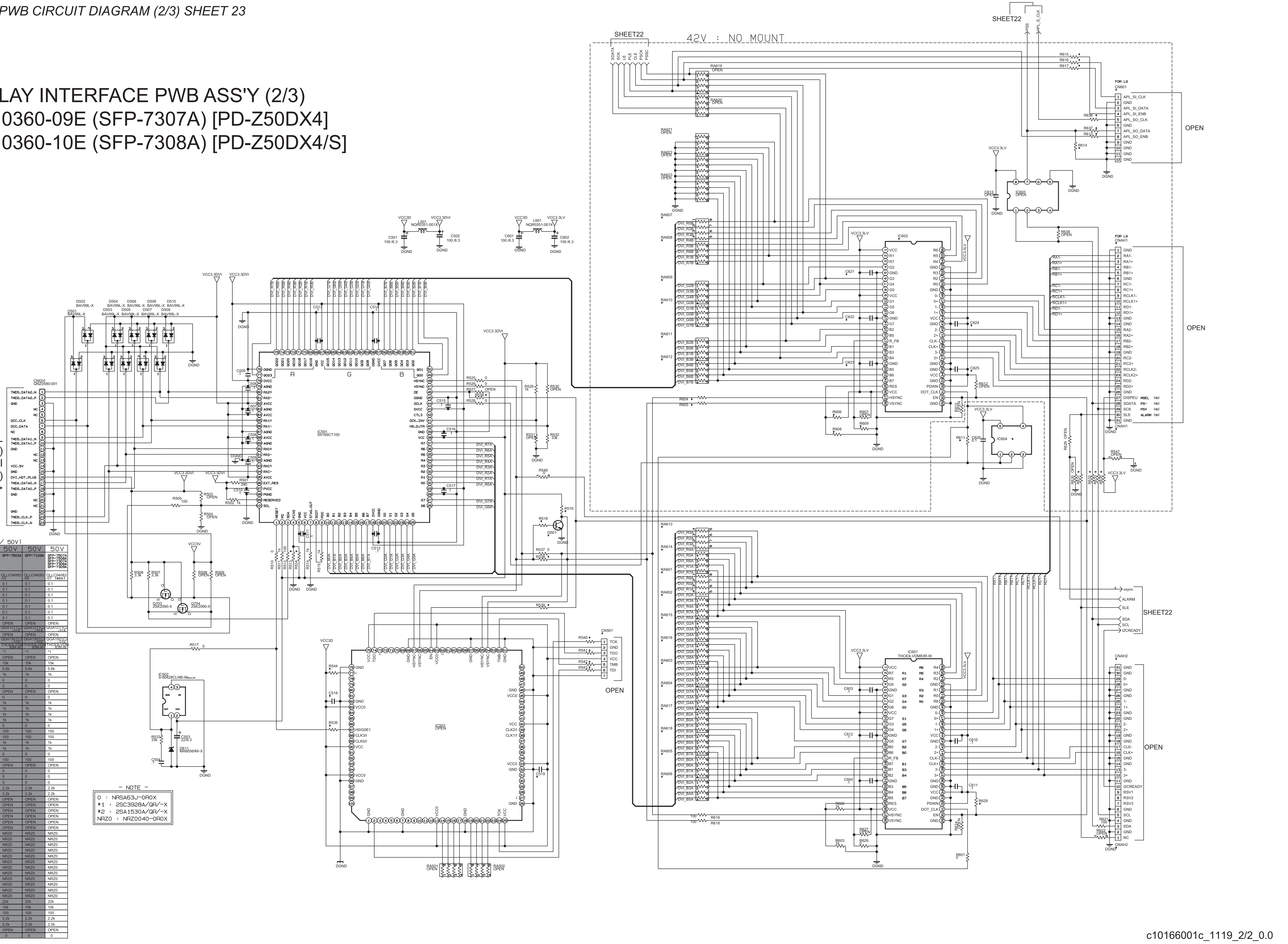
- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
1 : NCF31CZ-104X

DISPLAY INTERFACE PWB ASS'Y (1/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]

DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (2/3) SHEET 23

DISPLAY INTERFACE PWB ASS'Y (2/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]



* DIFFERENCE LIST 1 (42V/ 50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083-02	OLLC04083-04	OLLC04083-03	OLLC04083-06	OLLC04083-07 (etc)
C518	OPEN	0.1	OPEN	0.1	0.1	0.1
C519	OPEN	0.1	OPEN	0.1	0.1	0.1
C621	OPEN	0.1	OPEN	0.1	0.1	0.1
C622	OPEN	0.1	OPEN	0.1	0.1	0.1
C623	OPEN	0.1	OPEN	0.1	0.1	0.1
C624	OPEN	0.1	OPEN	0.1	0.1	0.1
C625	OPEN	0.1	OPEN	0.1	0.1	0.1
CN501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
CNAH1	OPEN	QGA1211C2-31X	OPEN	QGA1211C2-31X	QGA1211C2-31X	QGA1211C2-31X
CNAH2	QGA1211C2-31X	OPEN	QGA1211C2-31X	OPEN	OPEN	OPEN
CN601	OPEN	QGA1501C2-12V	OPEN	QGA1501C2-12V	QGA1501C2-12V	QGA1501C2-12V
IC602	OPEN	THC63LVDM83R-W	OPEN	THC63LVDM83R-W	THC63LVDM83R-W	THC63LVDM83R-W
Q501	OPEN	*1	OPEN	*1	*1	*1
R513	1k	OPEN	1k	OPEN	OPEN	OPEN
R518	OPEN	15k	OPEN	15k	15k	15k
R519	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k
R534	OPEN	1k	OPEN	1k	1k	1k
R535	OPEN	0	OPEN	0	0	0
R536	OPEN	0	OPEN	0	0	0
R538	0	OPEN	0	OPEN	OPEN	OPEN
R539	OPEN	0	OPEN	0	0	0
R540	OPEN	1k	OPEN	1k	1k	1k
R541	OPEN	1k	OPEN	1k	1k	1k
R542	OPEN	1k	OPEN	1k	1k	1k
R543	OPEN	1k	OPEN	1k	1k	1k
R544	OPEN	0	OPEN	0	0	0
R604	OPEN	100	OPEN	100	100	100
R605	OPEN	100	OPEN	100	100	100
R606	OPEN	1k	OPEN	1k	1k	1k
R608	OPEN	1k	OPEN	1k	1k	1k
R609	OPEN	0	OPEN	0	0	0
R613	OPEN	100	OPEN	100	100	100
R628	100	OPEN	100	OPEN	OPEN	OPEN
R631	OPEN	0	OPEN	0	0	0
R632	OPEN	0	OPEN	0	0	0
R633	OPEN	0	OPEN	0	0	0
R636	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
R637	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
RA601	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA602	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA603	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA604	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA605	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA606	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA607	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA608	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA609	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA610	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA611	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA612	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA613	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA614	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA615	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA616	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA617	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA618	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
R614	OPEN	22k	OPEN	22k	22k	22k
R635	OPEN	10k	OPEN	10k	10k	10k
R615	OPEN	100	OPEN	100	100	100
R616	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
R617	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
IC604	SN74LVC1G08V-X	SN74LVC1G08V-X	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	0	0	0

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
NRZ0 : NRZ0040-0R0X

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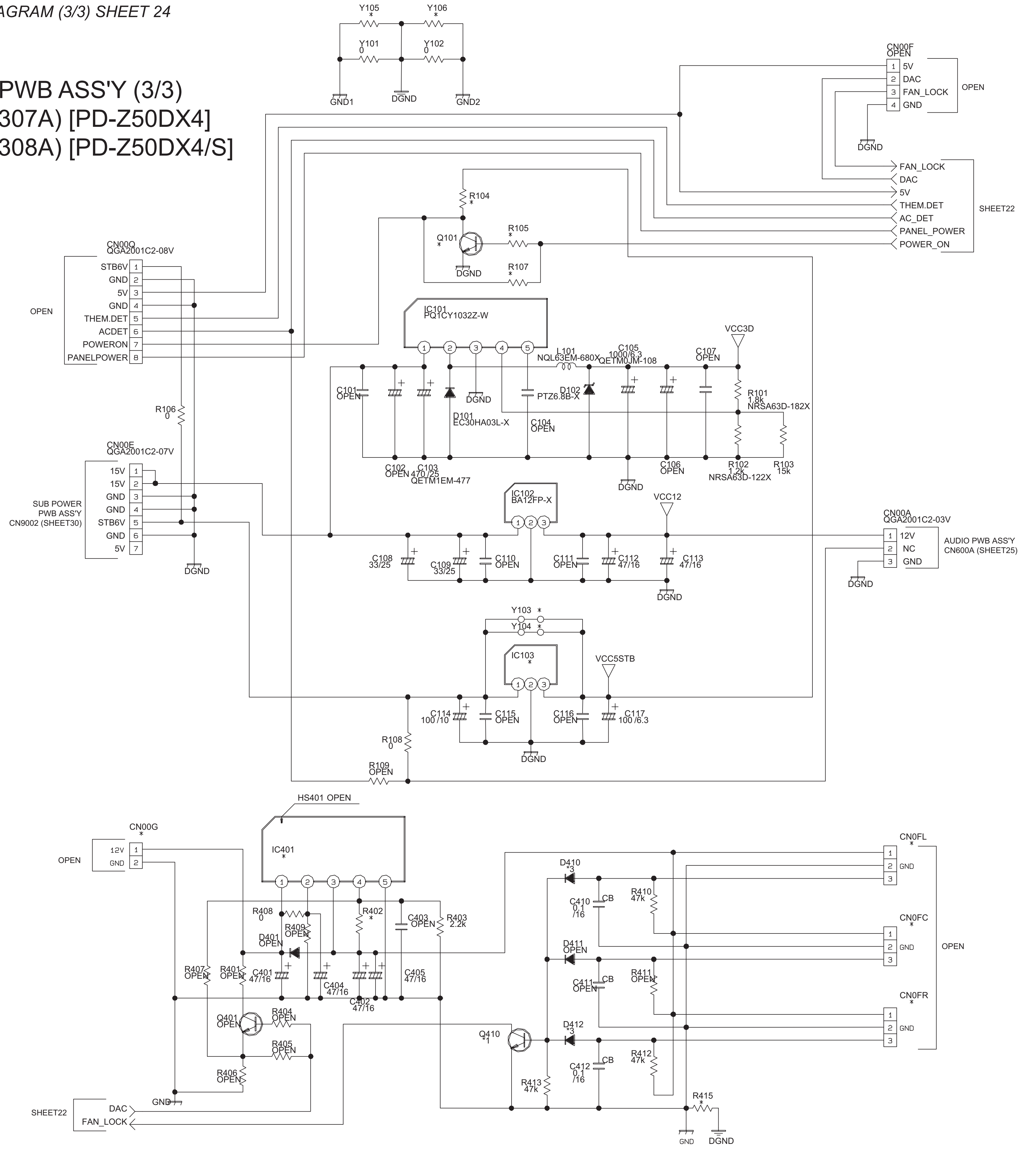
DISPLAY INTERFACE PWB ASS'Y (3/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]


Y105
Y106
Y101 0
Y102 0
GND1
DGND
GND2
CN00F OPEN
1 5V
2 DAC
3 FAN_LOCK
4 GND
OPEN
DGND
FAN_LOCK
DAC
5V
THEM.DET
AC_DET
PANEL_POWER
POWER_ON
SHEET22
R104 *
Q101 *
R105 *
R107 *
DGND
CN00Q QGA2001C2-08V
STB6V 1
GND 2
5V 3
GND 4
THEM.DET 5
ACDET 6
POWERON 7
PANELPOWER 8
OPEN
IC101 PQ1CY1032Z-W
L101 NQL63EM-680X
C105 1000/6.3 QETM0JM-108
C107 OPEN
VCC3D
C101 OPEN
D101 EC30HA03L-X
DGND
D102 PTZ6.8B-X
C104 OPEN
R101 1.8k NRSA63D-182X
C102 OPEN
C103 470/25 QETM1EM-477
C106 OPEN
R102 1.2k NRSA63D-122X
R103 15k
DGND
R106 0
CN00E QGA2001C2-07V
15V 1
15V 2
GND 3
GND 4
STB6V 5
GND 6
5V 7
SUB POWER PWB ASS'Y CN9002 (SHEET30)
DGND
IC102 BA12FP-X
VCC12
CN00A QGA2001C2-03V
1 12V
2 NC
3 GND
AUDIO PWB ASS'Y CN600A (SHEET25)
DGND
C108 33/25
C109 33/25
C110 OPEN
C111 OPEN
C112 47/16
C113 47/16
DGND
Y103 *
Y104 *
IC103 *
VCC5STB
C114 100/10
C115 OPEN
C116 OPEN
C117 100/6.3
R108 0
DGND
R109 OPEN
HS401 OPEN
CN00G *
OPEN
12V 1
GND 2
IC401 *
R408 0
R409 OPEN
R402 *
C403 OPEN
R403 2.2k
D401 OPEN
R407 OPEN
R401 OPEN
C401 47/16
C404 47/16
C402 47/16
C405 47/16
Q401 OPEN
R404 OPEN
R405 OPEN
R406 OPEN
GND
SHEET22
DAC
FAN_LOCK
D410 *3
C410 0.1 /16
CB
R410 47k
D411 OPEN
C411 OPEN
R411 OPEN
D412 *3
C412 0.1 /16
R412 47k
Q410 *1
R413 47k
R415 *
GND
DGND
CN0FL *
CN0FC *
CN0FR *
GND
OPEN

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
*3 : MA111-X

* DIFFERENCE LIST 1 (42V/ 50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
Q101	*1	OPEN	*1	OPEN	OPEN	OPEN
R104	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN
R105	10k	OPEN	10k	OPEN	OPEN	OPEN
R107	OPEN	0	OPEN	0	0	0
IC401	OPEN	PQ20WZ11-X	OPEN	PQ20WZ11-X	PQ20WZ11-X	PQ20WZ11-X
CN0FL	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN0FC	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN0FR	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN00G	OPEN	QGA2001C2 -02V	OPEN	QGA2001C2 -02V	QGA2001C2 -02V	QGA2001C2 -02V
IC103	BA05FP-X	OPEN	BA05FP-X	OPEN	OPEN	OPEN
Y103	OPEN	0	OPEN	0	0	0
Y104	OPEN	0	OPEN	0	0	0
R402	4.7k	6.8k	4.7k	6.8k	6.8k	6.8k
R415	OPEN	0	OPEN	0	0	0

* DIFFERENCE LIST 2 (JPN MODEL/ etc)

NOTE	JPN03	JPN03	US	US	JPN04	ASIA,etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
Y105	OPEN	OPEN	0	0	0	0
Y106	OPEN	OPEN	0	0	0	0

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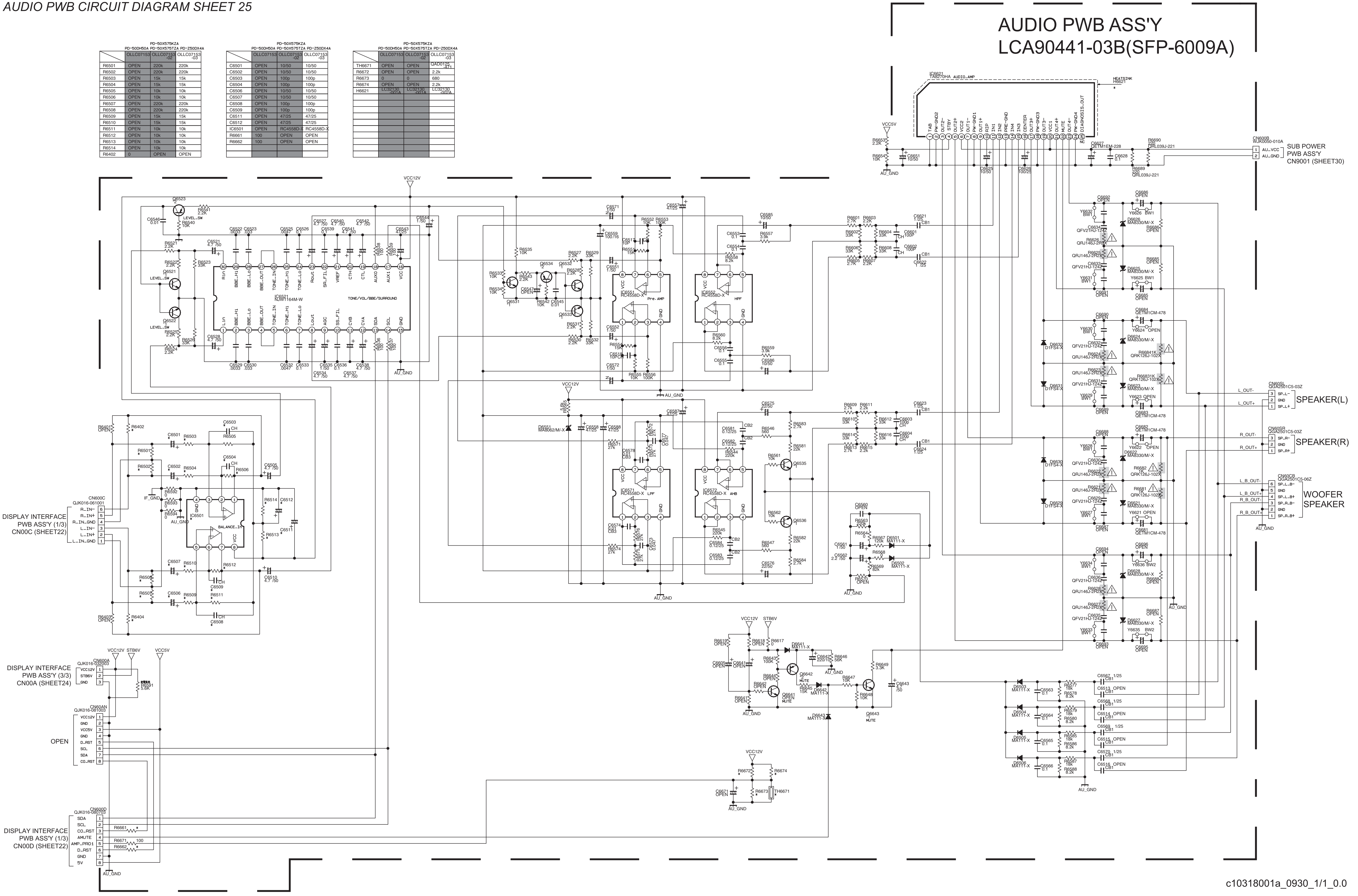
AUDIO PWB CIRCUIT DIAGRAM SHEET 25

	PD-50DH50A	PD-50X575KZA PD-50X575TZA	PD-Z50DX4A
	OLLC07153	OLLC07153 -02	OLLC07153 -03
R6501	OPEN	220k	220k
R6502	OPEN	220k	220k
R6503	OPEN	15k	15k
R6504	OPEN	15k	15k
R6505	OPEN	10k	10k
R6506	OPEN	10k	10k
R6507	OPEN	220k	220k
R6508	OPEN	220k	220k
R6509	OPEN	15k	15k
R6510	OPEN	15k	15k
R6511	OPEN	10k	10k
R6512	OPEN	10k	10k
R6513	OPEN	10k	10k
R6514	OPEN	10k	10k
R6402	0	OPEN	OPEN

	PD-50DH50A	PD-50X575KZA PD-50X575TZA	PD-Z50DX4A
	OLLC07153	OLLC07153 -02	OLLC07153 -03
C6501	OPEN	10/50	10/50
C6502	OPEN	10/50	10/50
C6503	OPEN	100p	100p
C6504	OPEN	100p	100p
C6506	OPEN	10/50	10/50
C6507	OPEN	10/50	10/50
C6508	OPEN	100p	100p
C6509	OPEN	100p	100p
C6511	OPEN	47/25	47/25
C6512	OPEN	47/25	47/25
IC6501	OPEN	RC4558D-X	RC4558D-X
R6661	100	OPEN	OPEN
R6662	100	OPEN	OPEN

	PD-50DH50A	PD-50X575KZA PD-50X575TZA	PD-Z50DX4A
	OLLC07153	OLLC07153 -02	OLLC07153 -03
TH6671	OPEN	OPEN	QAD0125 -471
R6672	OPEN	OPEN	2.2k
R6673	0	0	680
R6674	OPEN	OPEN	2.2k
H6621	LC32130 -001A	LC32130 -001A	LC32130 -002A


AUDIO PWB ASS'Y
LCA90441-03B(SFP-6009A)
IC6621 TAS5270HA AUDIO_AMP
HEATSINK H6621
VCC5V
VCC12V
STB6V
AU_GND
CN600B WJK0050-010A
SUB POWER PWB ASS'Y CN9001 (SHEET30)
AU_VCC
AU_GND
CN60SL QGA2501C5-03Z
SPEAKER(L)
L_OUT-
L_OUT+
CN60SR QGA2501C5-03Z
SPEAKER(R)
R_OUT-
R_OUT+
CN60CB QGA2501C5-06Z
WOOFER SPEAKER
L_B_OUT-
L_B_OUT+
R_B_OUT-
R_B_OUT+
IC6521 NJW1164M-W
TONE/VOL/BBE/SURROUND
IC6551 RC4558D-X Pre.AMP
IC6552 RC4558D-X HPF
IC6571 RC4558D-X LPF
IC6572 RC4558D-X AHB
IC6501 BALANCE_IN
LEVEL_SW
MUTE
CN600C QJK016-061001
DISPLAY INTERFACE PWB ASS'Y (1/3) CN00C (SHEET22)
R_IN-
R_IN+
R_IN_GND
L_IN-
L_IN+
L_IN_GND
IF_GND
CN600A QJK016-032003
DISPLAY INTERFACE PWB ASS'Y (3/3) CN00A (SHEET24)
CN60AN QJK016-081003
OPEN
D_RST
SCL
SDA
CO_RST
CN600D QJK016-080703
DISPLAY INTERFACE PWB ASS'Y (1/3) CN00D (SHEET22)
AMUTE
AMP_PRO1
5V

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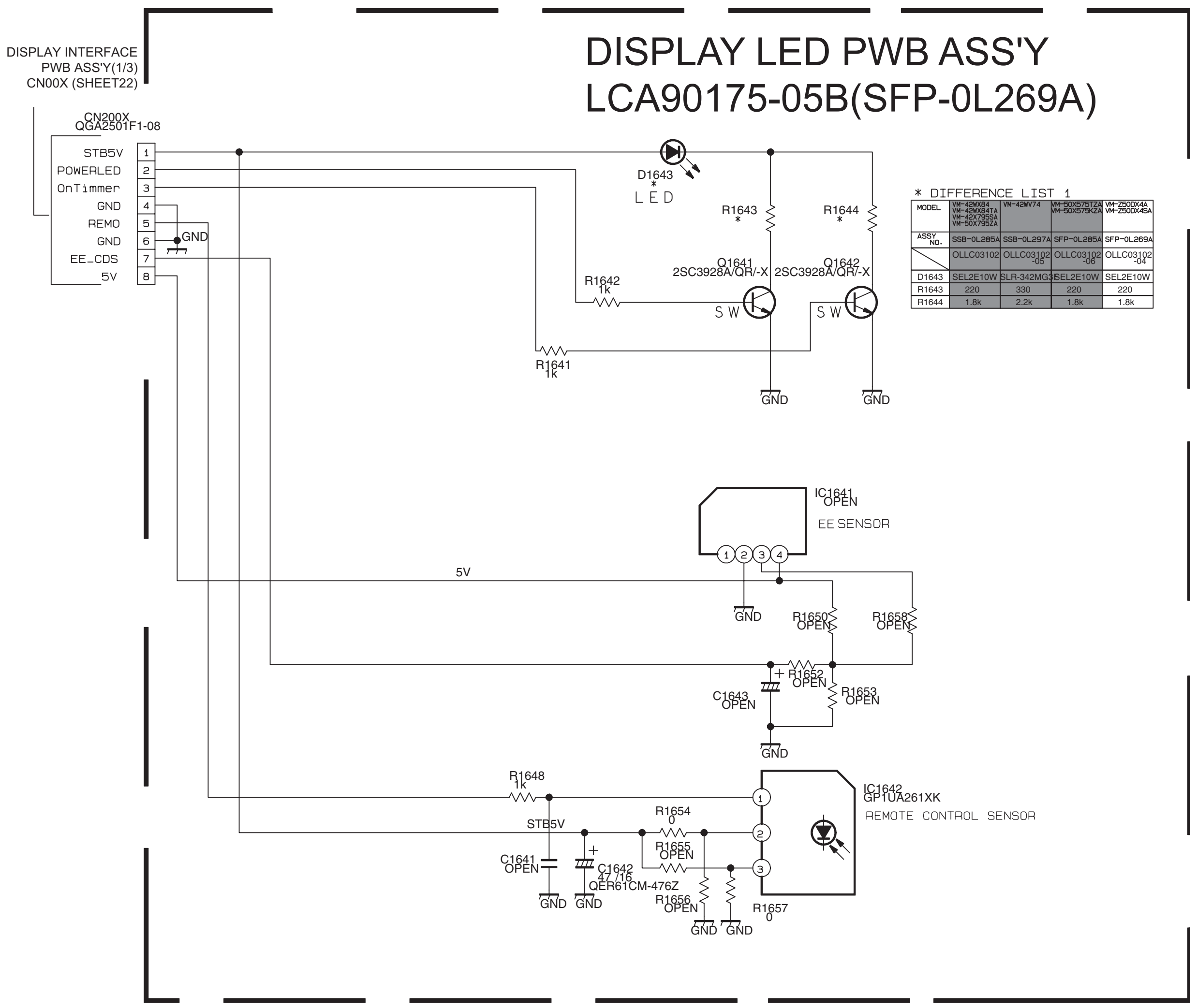
DISPLAY LED PWB CIRCUIT DIAGRAM SHEET 26

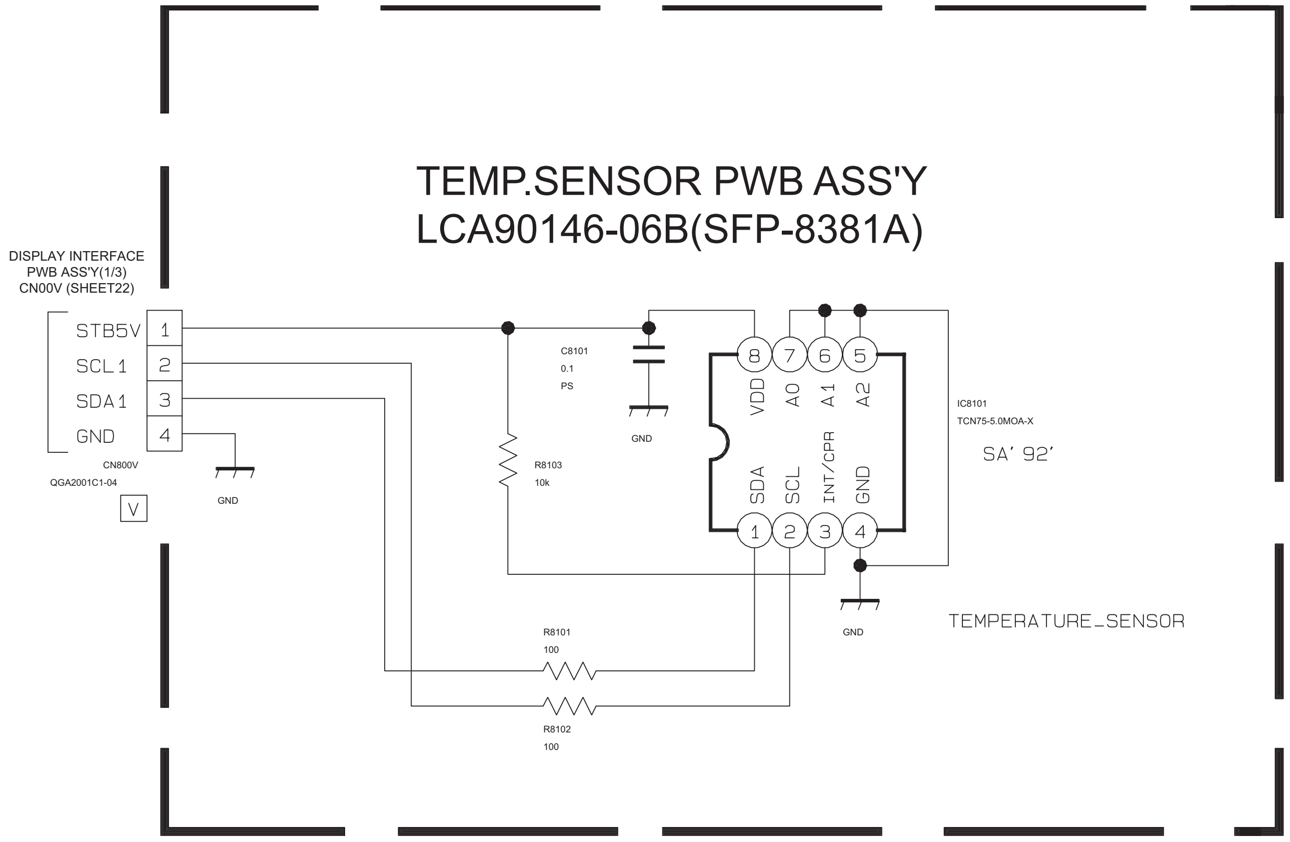

DISPLAY LED PWB ASS'Y
LCA90175-05B(SFP-0L269A)
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00X (SHEET22)
CN200X
QGA2501F1-08
STB5V 1
POWERLED 2
OnTimmer 3
GND 4
REMO 5
GND 6
EE_CDS 7
5V 8
GND
D1643 *
LED
R1643 *
R1644 *
Q1641
2SC3928A/QR/-X
Q1642
2SC3928A/QR/-X
R1642 1k
R1641 1k
SW
SW
GND
GND
IC1641 OPEN
EE SENSOR
5V
GND
R1650 OPEN
R1658 OPEN
R1652 OPEN
C1643 OPEN
R1653 OPEN
GND
R1648 1k
STB5V
IC1642
GP1UA261XK
REMOTE CONTROL SENSOR
R1654 0
R1655 OPEN
C1641 OPEN
C1642 47 /16
QER61CM-476Z
R1656 OPEN
R1657 0
GND
GND
GND
GND

* DIFFERENCE LIST 1

MODEL	VM-42WX84 VM-42WX84TA VM-42X795SA VM-50X795ZA	VM-42WV74	VM-50X575TZA VM-50X575KZA	VM-Z50DX4A VM-Z50DX4SA
ASSY NO.	SSB-0L285A	SSB-0L297A	SFP-0L285A	SFP-0L269A
	OLLC03102	OLLC03102 -05	OLLC03102 -06	OLLC03102 -04
D1643	SEL2E10W	SLR-342MG3F	SEL2E10W	SEL2E10W
R1643	220	330	220	220
R1644	1.8k	2.2k	1.8k	1.8k

c30087001g_1119_1/1_0.0

TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 27


TEMP.SENSOR PWB ASS'Y
LCA90146-06B(SFP-8381A)
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00V (SHEET22)
STB5V 1
SCL1 2
SDA1 3
GND 4
CN800V
QGA2001C1-04
V
GND
R8103
10k
C8101
0.1
PS
GND
VDD
A0
A1
A2
SDA
SCL
INT/CPR
GND
IC8101
TCN75-5.0MOA-X
SA' 92'
GND
TEMPERATURE_SENSOR
R8101
100
R8102
100

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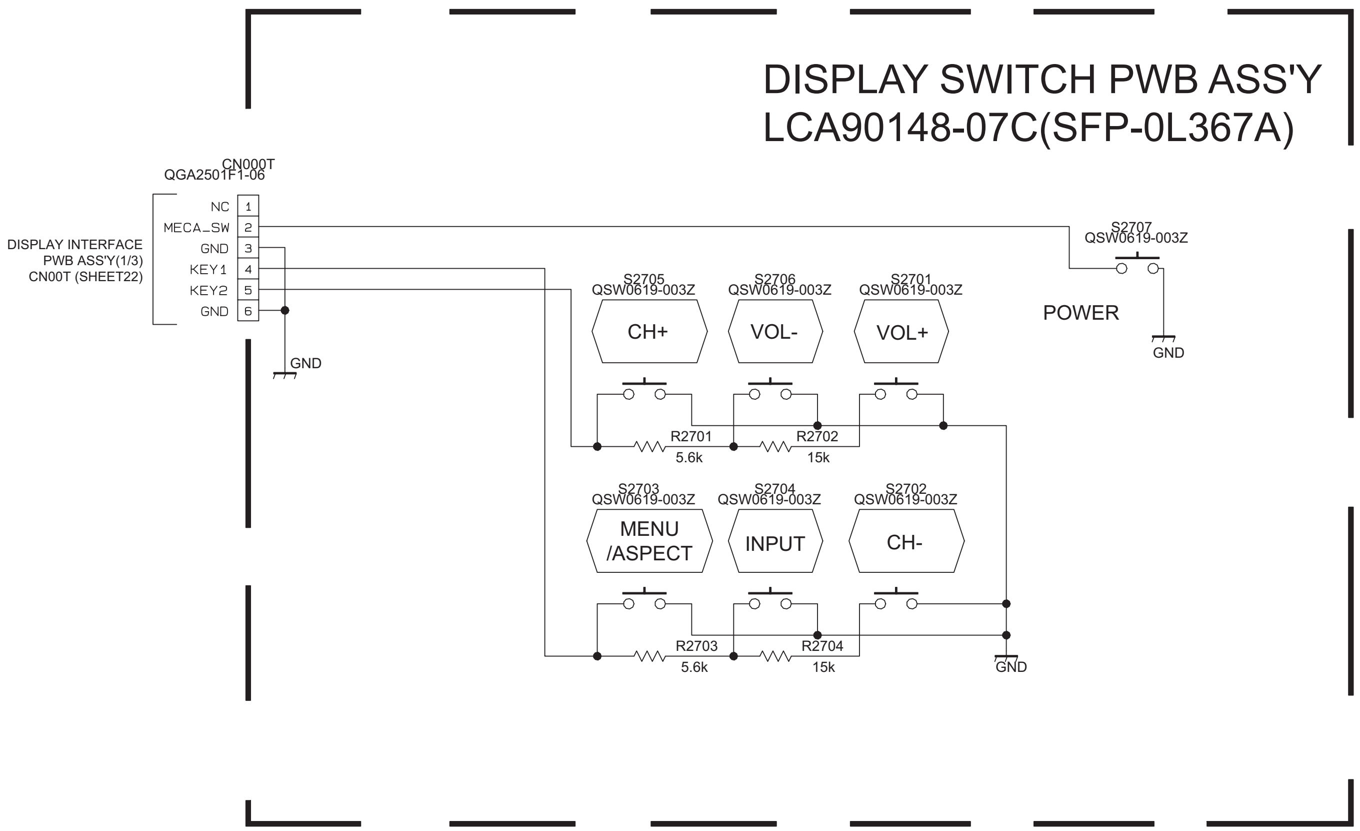
DISPLAY SWITCH PWB CIRCUIT DIAGRAM SHEET 28

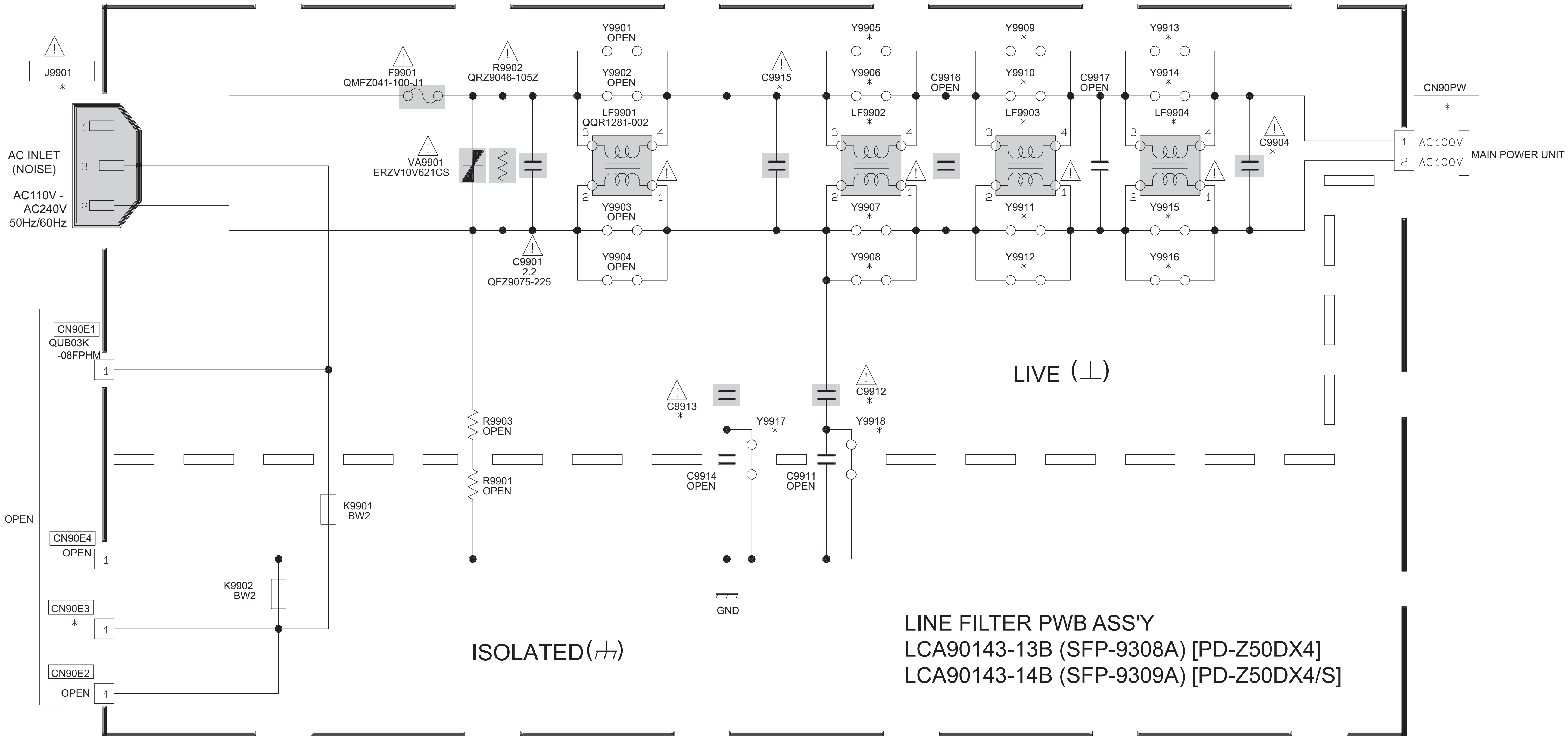

DISPLAY SWITCH PWB ASS'Y
LCA90148-07C(SFP-0L367A)
CN000T
QGA2501F1-06
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00T (SHEET22)
NC 1
MECA_SW 2
GND 3
KEY1 4
KEY2 5
GND 6
GND
S2707
QSW0619-003Z
POWER
GND
S2705
QSW0619-003Z
CH+
S2706
QSW0619-003Z
VOL-
S2701
QSW0619-003Z
VOL+
R2701
5.6k
R2702
15k
S2703
QSW0619-003Z
MENU
/ASPECT
S2704
QSW0619-003Z
INPUT
S2702
QSW0619-003Z
CH-
R2703
5.6k
R2704
15k
GND

c30054001h_1119_1/1_0.0

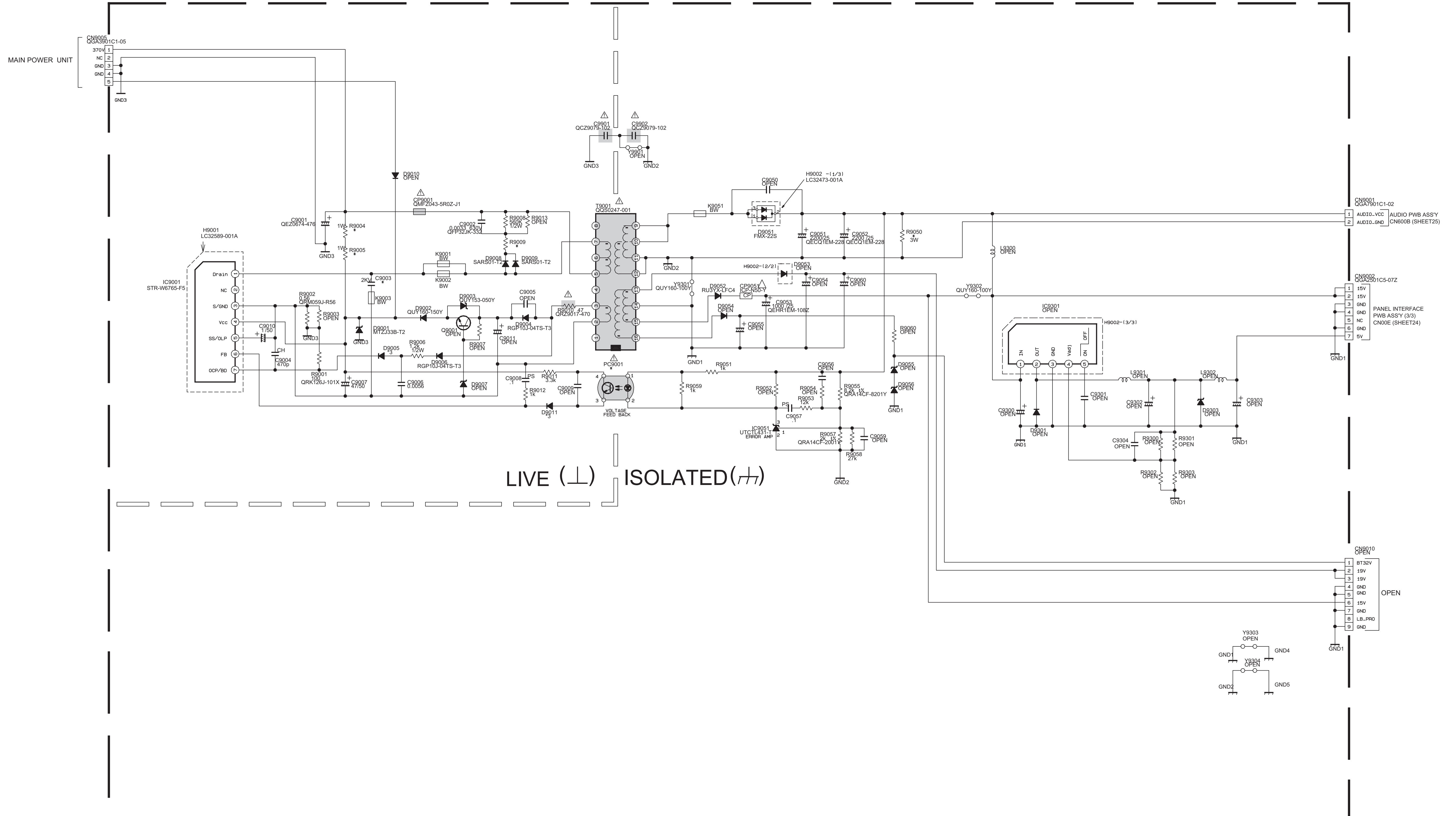
LINE FILTER PWB CIRCUIT DIAGRAM SHEET 29

＊ DIFFERENCE LIST 1

MODEL	VM-42DV4 VM-42XV7	VM-42WX84 VM-42WX84TA VM-42X795SA VM-50X795ZA	VM-42WV74	VM-42DV2-S VM-42DV2 VM-42V31BAUE /BBJE/BBSE	VM-42DH4A	VM-50DH4A	VM-50DH50A	VM-50X575KZA VM-50X575TZA	VM-Z50DX4A	VM-Z50DX4CA VM-Z50DX4SA
ASSY NO.	SSB-9281A	SSB-9285A SFP-9508A SFP-9509A	SSB-9297A	SMK-9267A	LCA90143-06*	LCA90143-07*	SSB-9121A	SFP-9520A	SFP-9308A	SFP-9309A
	OLLC02729	OLLC02729 -02 (etc)	OLLC02729 -06	OLLC02729 -04	OLLC02729 -07	OLLC02729 -08	OLLC02729 -12	OLLC02729 -13	OLLC02729 -14	OLLC02729 -15
LF9903	QQR1281 -002	QQR1376 -001	QQR1376 -001	OPEN	OPEN	QQR1376 -001	QQR1376 -001	QQR1376 -001	OPEN	OPEN
LF9904	QQR1281 -002	QQR1376 -001	QQR1376 -001	OPEN	OPEN	QQR1376 -001	QQR1376 -001	QQR1376 -001	OPEN	OPEN
C9912	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	OPEN	OPEN
C9913	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	OPEN	OPEN
LF9902	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002	OPEN	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002
C9904	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	OPEN	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224
C9915	OPEN	OPEN	OPEN	OPEN	QFZ9075 -224	OPEN	OPEN	OPEN	OPEN	OPEN
CN90E3	QUB070 -26FPHM	QUB070 -42FPHM	QUB070 -42FPHM	QUB070 -26FPHM	QUB070 -30FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM
CN90PW	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -009A	WJK0050 -009A	WJK0050 -009A	WJK0050 -008A	WJK0050 -008A
Y9909	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9910	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9911	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9912	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
Y9913	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9914	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
Y9915	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9916	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
J9901	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QNC0099 -001	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QNC0099 -001	QNC0099 -001
Y9905	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9906	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9907	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9908	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9917	BW1	BW1	BW1	BW1	BW1	BW1	BW1	BW1	OPEN	OPEN
Y9918	BW1	BW1	BW1	BW1	BW1	BW1	BW1	BW1	OPEN	OPEN


J9901
＊
AC INLET
(NOISE)
AC110V -
AC240V
50Hz/60Hz
1
3
2
F9901
QMFZ041-100-J1
R9902
QRZ9046-105Z
VA9901
ERZV10V621CS
C9901
2.2
QFZ9075-225
Y9901
OPEN
Y9902
OPEN
LF9901
QQR1281-002
Y9903
OPEN
Y9904
OPEN
C9915
＊
Y9905
＊
Y9906
＊
LF9902
＊
Y9907
＊
Y9908
＊
C9916
OPEN
Y9909
＊
Y9910
＊
LF9903
＊
Y9911
＊
Y9912
＊
C9917
OPEN
Y9913
＊
Y9914
＊
LF9904
＊
Y9915
＊
Y9916
＊
C9904
＊
CN90PW
＊
1 AC100V
2 AC100V
MAIN POWER UNIT
CN90E1
QUB03K
-08FPHM
1
R9903
OPEN
R9901
OPEN
C9913
＊
C9912
＊
Y9917
＊
Y9918
＊
C9914
OPEN
C9911
OPEN
K9901
BW2
OPEN
CN90E4
OPEN
1
K9902
BW2
CN90E3
＊
1
CN90E2
OPEN
1
GND
LIVE (⊥)
ISOLATED(⏚)
LINE FILTER PWB ASS'Y
LCA90143-13B (SFP-9308A) [PD-Z50DX4]
LCA90143-14B (SFP-9309A) [PD-Z50DX4/S]

SUB POWER PWB CIRCUIT DIAGRAM SHEET 30


MAIN POWER UNIT
CN9005
QGA3901C1-05
370V 1
NC 2
GND 3
GND 4
5
GND3
H9001
LC32589-001A
IC9001
STR-W6765-F5
Drain 1
NC 2
S/GND 3
Vcc 4
SS/OLP 5
FB 6
OCP/BD 7
C9001
QEZ0674-476
1W R9004 *
1W R9005 *
D9010
OPEN
CP9001
QMFZ043-5R0Z-J1
C9002
0.0033 630V
QFP32JK-332
R9008
560K
1/2W
R9013
OPEN
R9009 *
D9008
SARS01-T2
D9009
SARS01-T2
K9001
BW
K9002
BW
2KV C9003 *
K9003
BW
R9002
0.56
QRM059J-R56
R9003
OPEN
C9010
1/50
CH
C9004
470p
R9001
100
QRK126J-101X
C9007
47/50
C9006
0.0056
D9001
MTZJ33B-T2
D9002
QUY160-150Y
D9003
QUY153-050Y
Q9001
OPEN
R9007
OPEN
D9005
*3
R9006
1.2k
1/2W
D9006
RGP10J-04TS-T3
D9007
OPEN
C9005
OPEN
D9004
RGP10J-04TS-T3
C9011
OPEN
R9010 47
QRZ9017-470
C9008
.1
PS
R9011
3.3k
R9012
1k
C9009
OPEN
D9011
*3
PC9001 *
VOLTAGE FEED BACK
C9901
QCZ9079-102
C9902
QCZ9079-102
Y9901
OPEN
GND3
GND2
T9001
QQS0247-001
K9051
BW
C9050
OPEN
H9002 -(1/3)
LC32473-001A
D9051
FMX-22S
C9051
2200/25
QECQ1EM-228
C9052
2200 /25
QECQ1EM-228
R9050 *
3W
GND2
H9002-(2/2)
D9053
OPEN
C9054
OPEN
C9060
OPEN
Y9301
QUY160-100Y
D9052
RU3YX-LFC4
CP9051
ICP-N50-Y
CP
C9053
1000 /25
QEHR1EM-108Z
D9054
OPEN
C9055
OPEN
GND1
R9051
1k
R9059
1k
R9052
OPEN
R9054
OPEN
R9053
12k
PS
C9057
.1
C9056
OPEN
R9055
8.2k 1%
QRA14CF-8201Y
IC9051
UTCTL431-T
ERROR AMP
R9057
2k 1%
QRA14CF-2001Y
R9058
27k
C9059
OPEN
GND2
R9060
OPEN
D9055
OPEN
D9056
OPEN
GND1
L9300
OPEN
Y9302
QUY160-100Y
IC9301
OPEN
H9002-(3/3)
IN
OUT
GND
Vadj
ON
OFF
C9300
OPEN
D9301
OPEN
C9301
OPEN
L9301
OPEN
L9302
OPEN
C9302
OPEN
D9303
OPEN
C9303
OPEN
C9304
OPEN
R9300
OPEN
R9301
OPEN
R9302
OPEN
R9303
OPEN
GND1
CN9001
QGA7901C1-02
1 AUDIO_VCC
2 AUDIO_GND
AUDIO PWB ASS'Y
CN600B (SHEET25)
CN9002
QGA2501C5-07Z
1 15V
2 15V
3 GND
4 GND
5 NC
6 GND
7 5V
PANEL INTERFACE
PWB ASS'Y (3/3)
CN00E (SHEET24)
CN9010
OPEN
1 BT32V
2 19V
3 19V
4 GND
5 GND
6 15V
7 GND
8 LB_PRO
9 GND
OPEN
Y9303
OPEN
GND1
GND4
Y9304
OPEN
GND2
GND5
LIVE (⊥)
ISOLATED(⏚)

* DIFFERENCE LIST

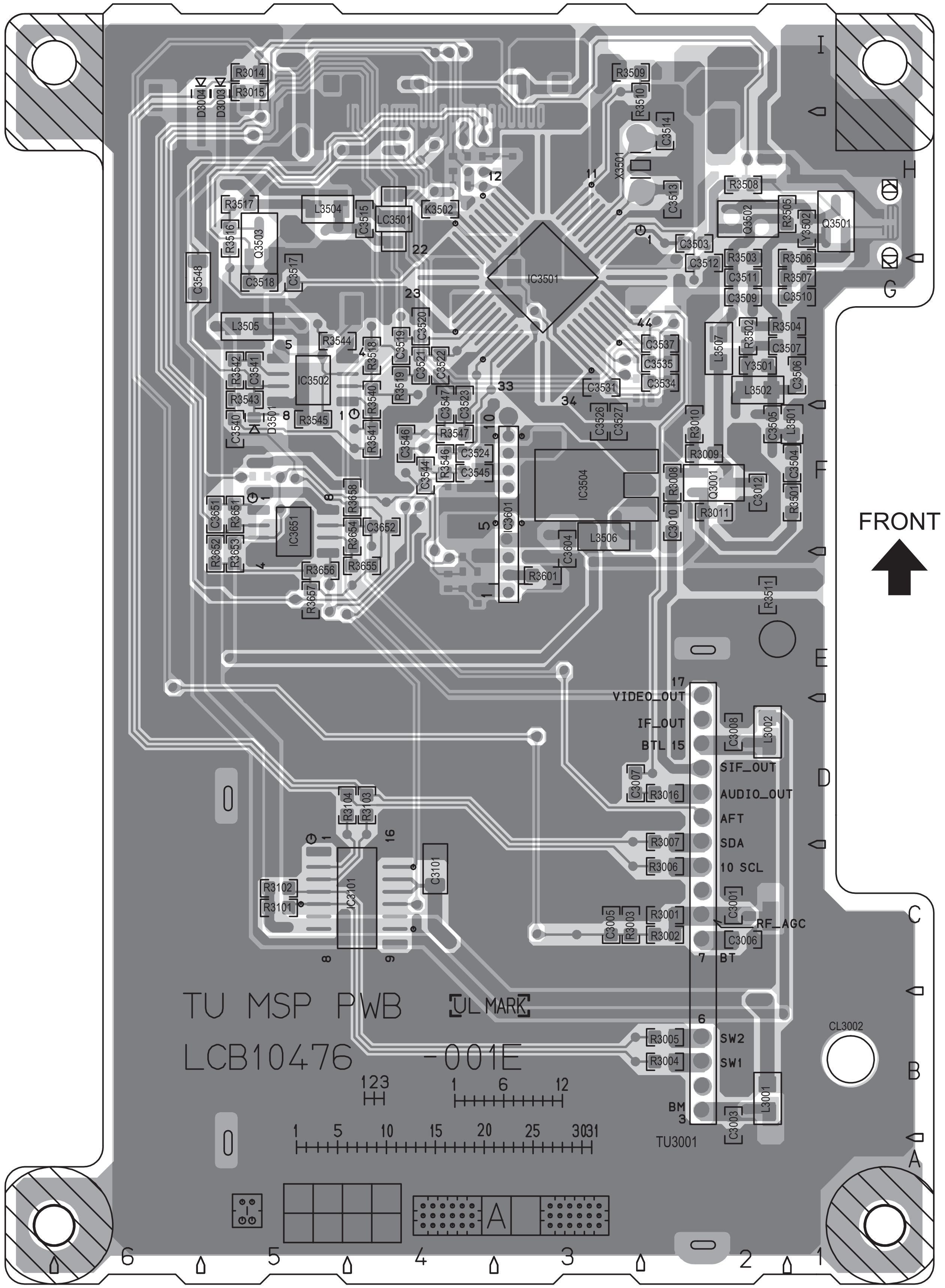
MODEL	VM-50DH50A VM-42DH4A VM-50DH4A	VM-50X575TZA VM-50X575TZA VM-42X795SA VM-50X795ZA	VM-Z50DX4A	VM-Z50DX4CA VM-Z50DX4SA
ASSY NO.	SFP-9601A	SFP-9505A		
	OLLC04305	OLLC04305 -02	OLLC04305 -03	OLLC04305 -04
PC9001	PC123Y22FZ	PS2581AL1 /QW/	PC123Y22FZ	PC123Y22FZ
R9004	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9005	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9009	QRL03EJ -220X	QRL039J -220	QRL03EJ -220X	QRL03EJ -220X
R9050	QRL03EJ -181X	QRL039J -181	QRL03EJ -181X	QRL03EJ -181X
C9003	QCZ0354 -471Z	QCZ0340 -471	QCZ0354 -471Z	QCZ0354 -471Z

SUB POWER PWB ASS'Y
LCA10353-03D (SFP-9312A) [PD-Z50DX4]
LCA10353-04D (SFP-9313A) [PD-Z50DX4/S]

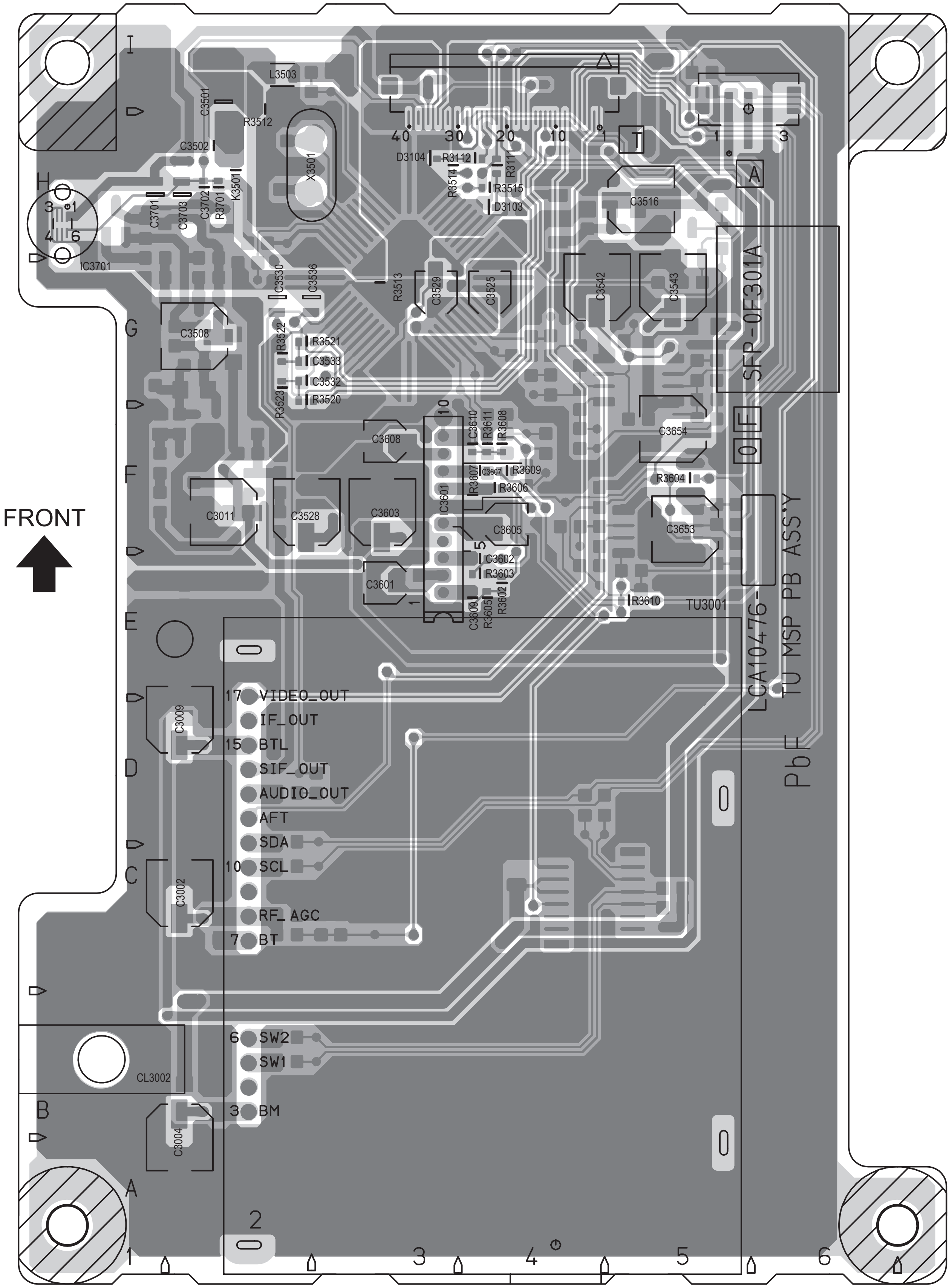
c10165001c_1119_1/1_0.0

PATTERN DIAGRAMS [RECEIVER UNIT]

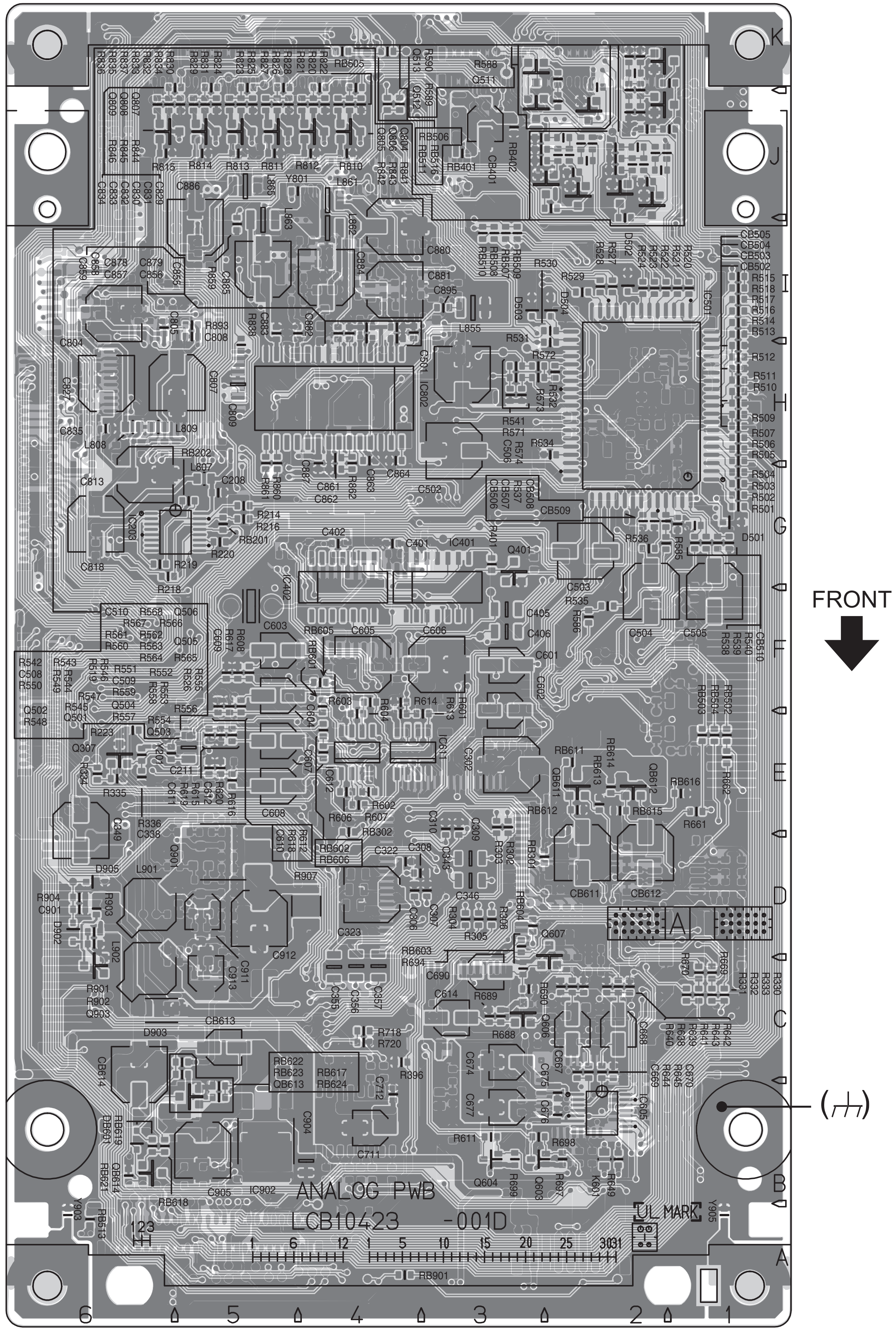
RECEIVER PWB PATTERN [SOLDER SIDE]


FRONT
IC3501
IC3502
IC3504
IC3601
IC3651
IC3101
Q3501
Q3502
Q3503
Q3001
X3501
Y3501
Y3502
L3504
L3505
L3506
L3507
L3502
LC3501
K3502
VIDEO_OUT
IF_OUT
BTL 15
SIF_OUT
AUDIO_OUT
AFT
SDA
10 SCL
RF_AGC
7 BT
6 SW2
SW1
BM 3
17
TU3001
CL3002
TU MSP PWB
UL MARK
LCB10476 -001E
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

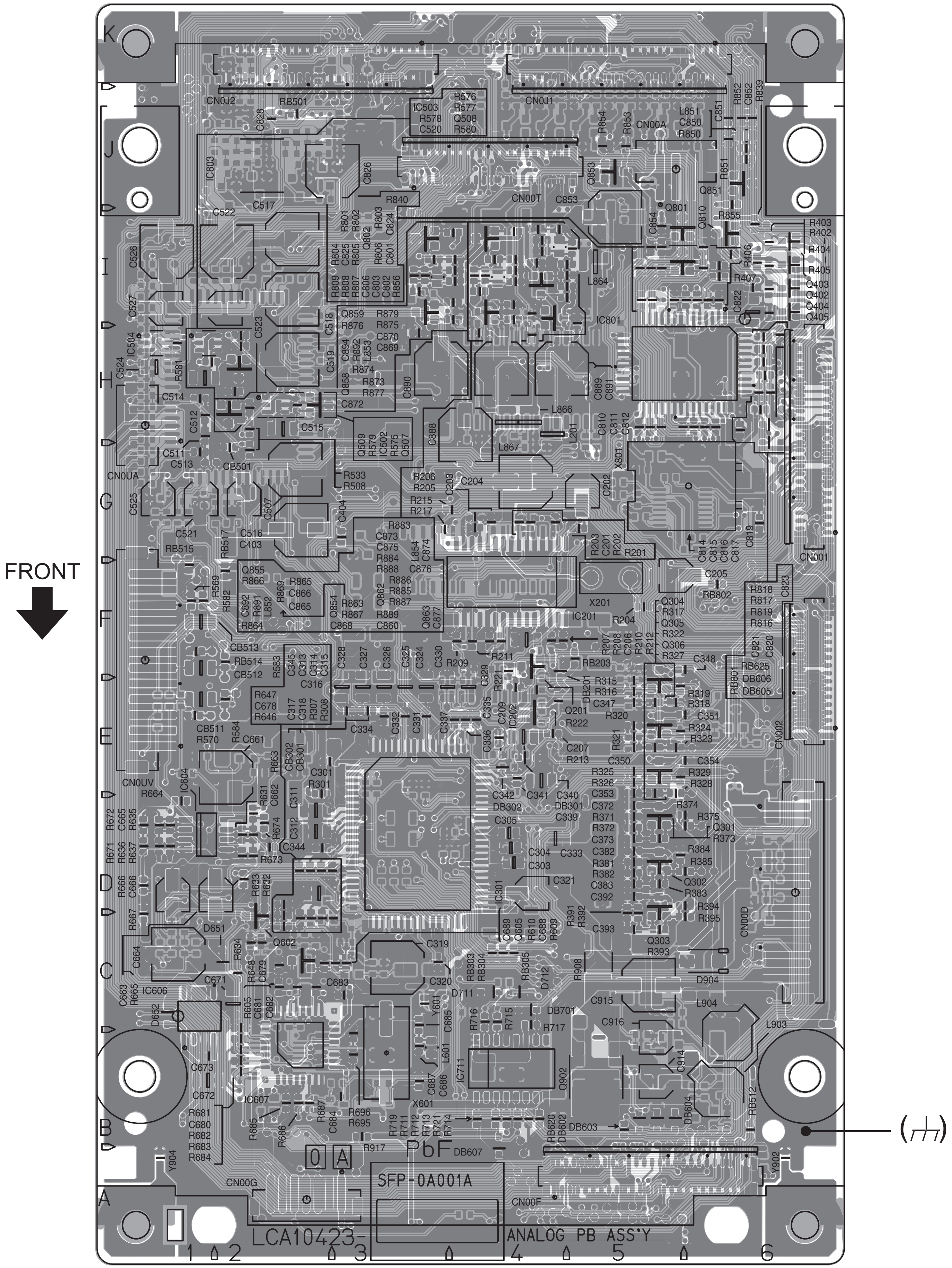
RECEIVER PWB PATTERN[PARTS SIDE]


FRONT
IC3701
X3501
L3503
C3516
C3542
C3543
C3508
C3011
C3528
C3603
C3601
C3608
C3654
C3653
C3009
C3002
C3004
17 VIDEO_OUT
IF_OUT
15 BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
10 SCL
RF_AGC
7 BT
6 SW2
SW1
3 BM
TU3001
CL3002
SFP-0F301A
LCA10476-
TU MSP PB ASS'Y
PbF
40
30
20
10
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

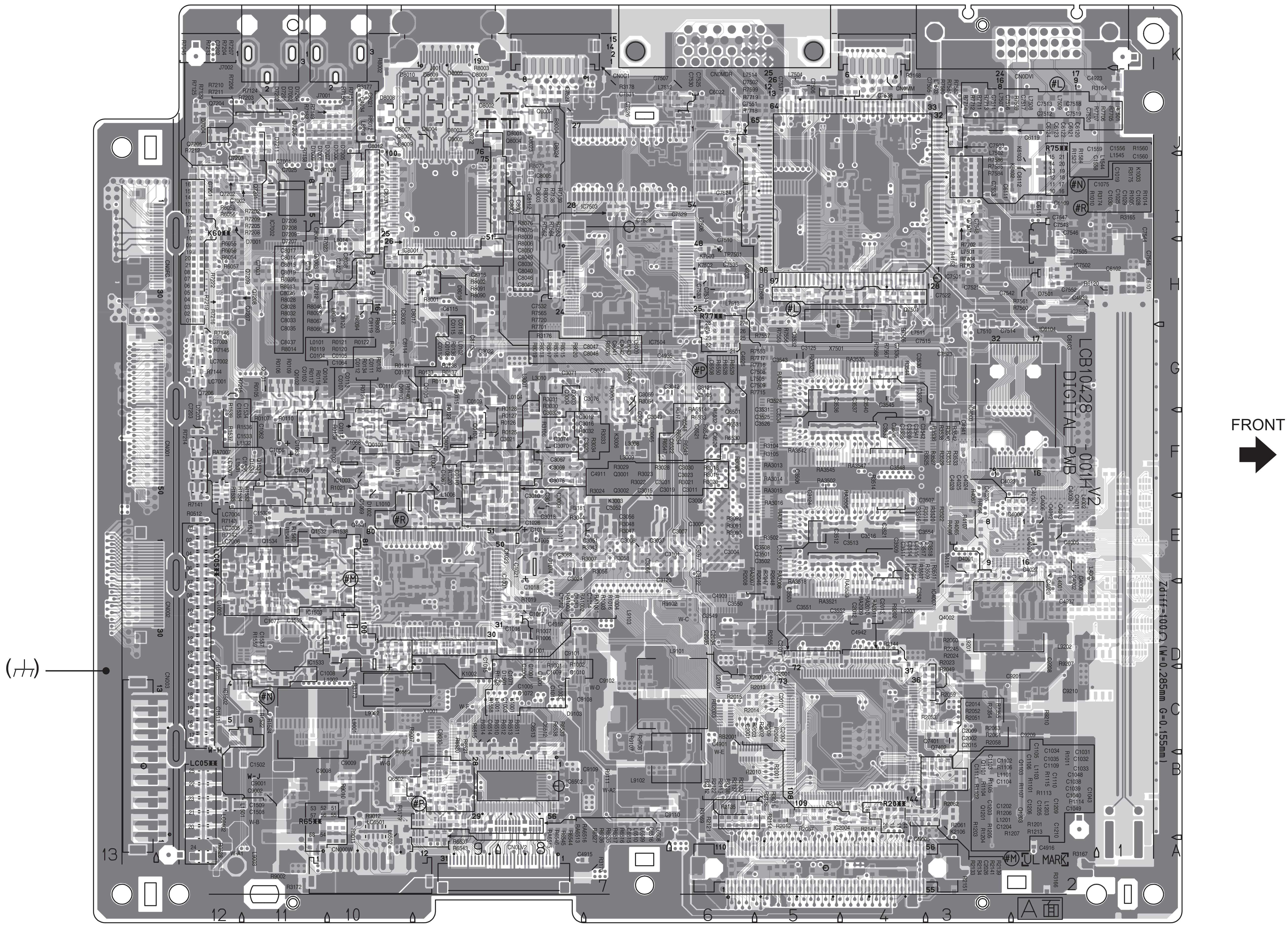
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]


FRONT
(⏚)
ANALOG PWB
LCB10423 -001D
UL MARK
A
K
J
I
H
G
F
E
D
C
B
6
5
4
3
2
1

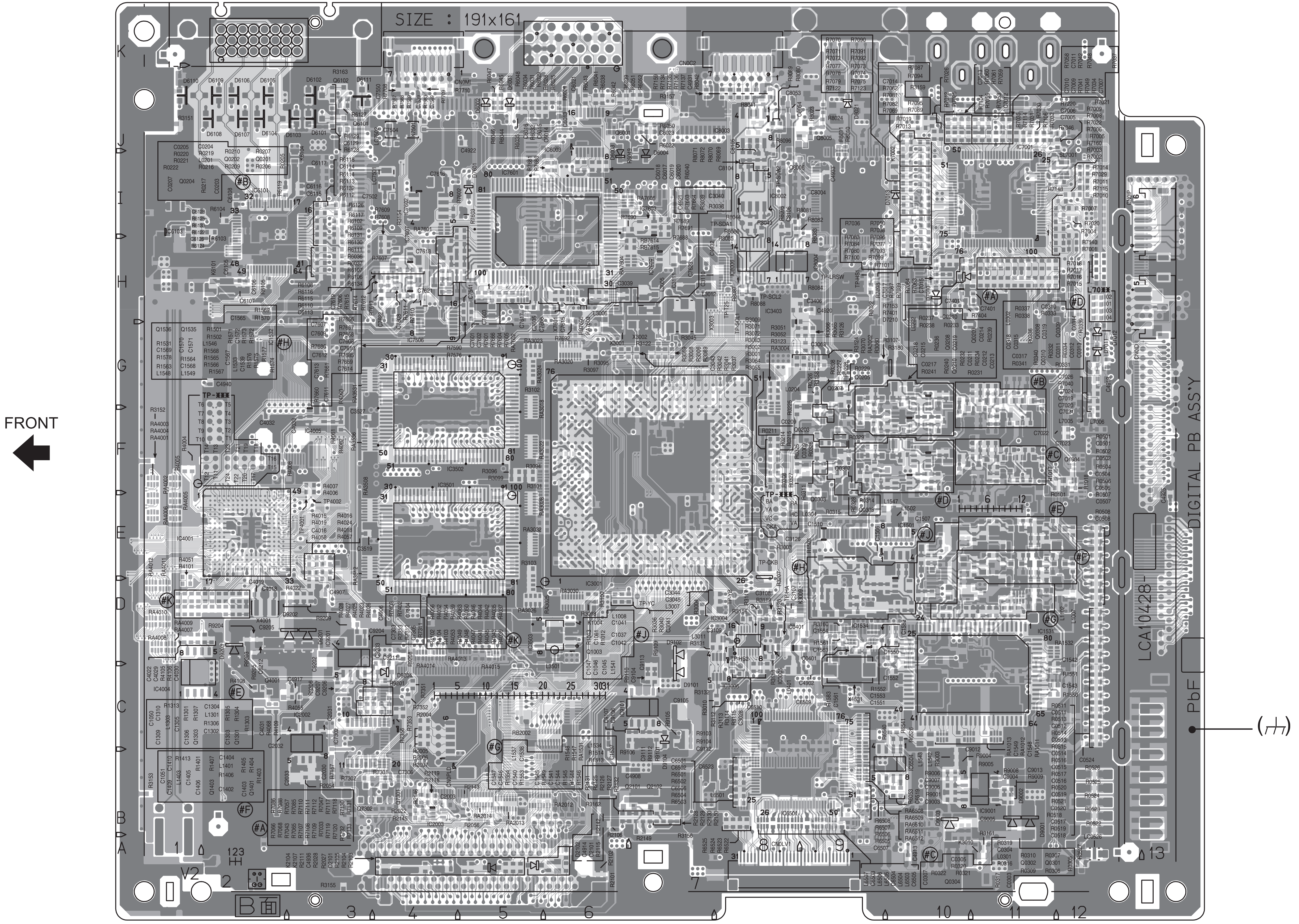
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]


FRONT
(⏚)
LCA10423-
ANALOG PB ASS'Y
SFP-0A001A
PbF
0
A
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

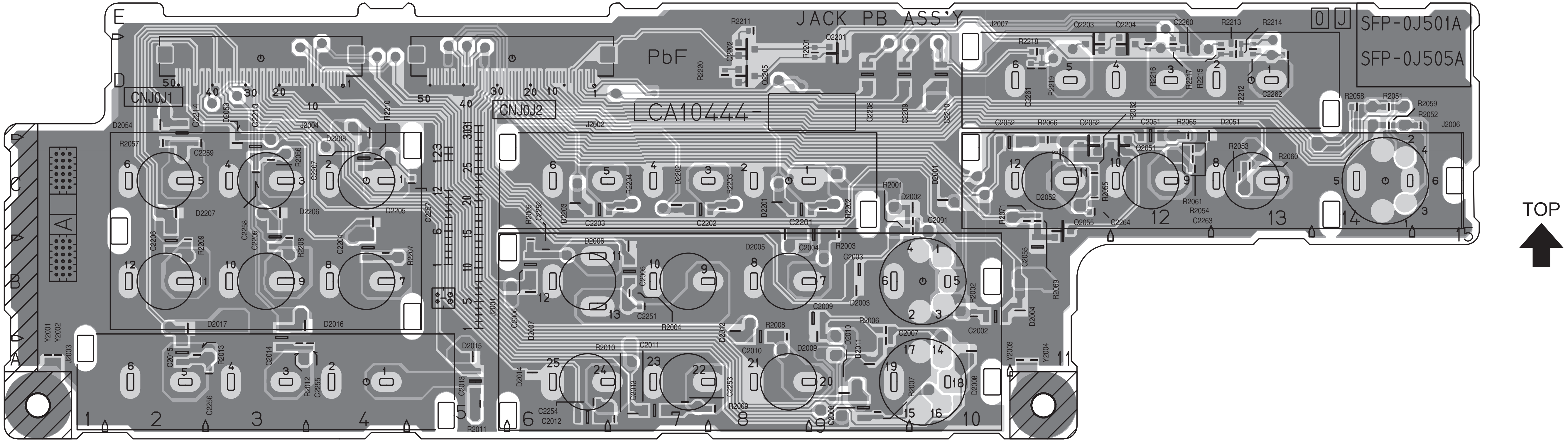
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]


FRONT
LCB10428-001H V2
DIGITAL PWB
Zdiff=100Ω(W=0.285mm G=0.155mm)
CN0DVI
CN0MDR
CN0C1
CN0MM
CN0LV2
CN000W
CN001
CN002
CN003
CN0FC
K60✱✱
LC05✱✱
CC05✱✱
R65✱✱
R75✱✱
R77✱✱
R20✱✱
IC8001
IC7503
IC7504
IC6502
IC2004
IC1503
IC1533
UL MARK
A面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13

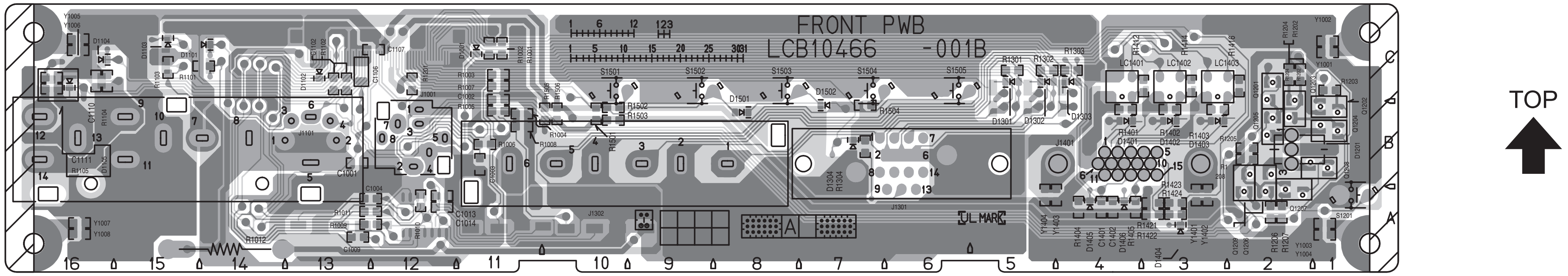
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]


SIZE : 191x161
FRONT
DIGITAL PB ASS'Y
LCA10428-
PbF
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
10
11
12
13
V2

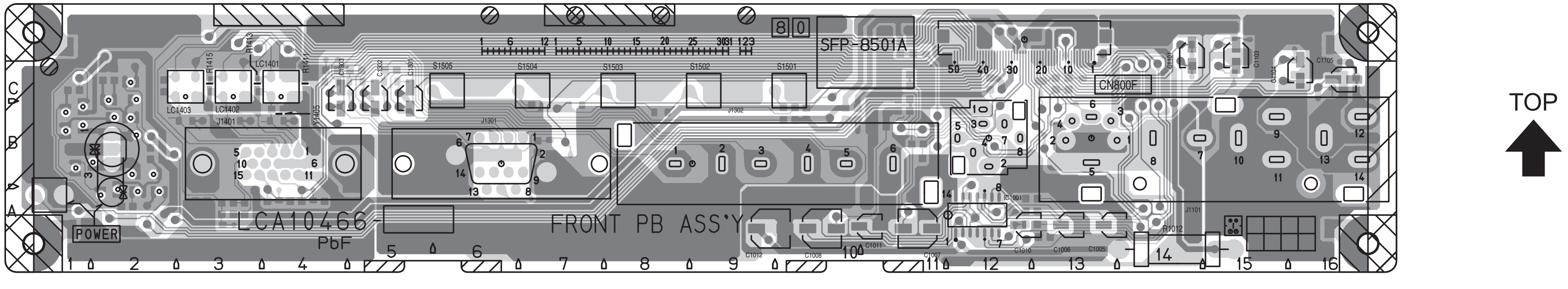
REAR JACK PWB PATTERN


JACK PB ASS'Y
PbF
LCA10444-
0J
SFP-0J501A
SFP-0J505A
CNJ0J1
CNJ0J2
TOP

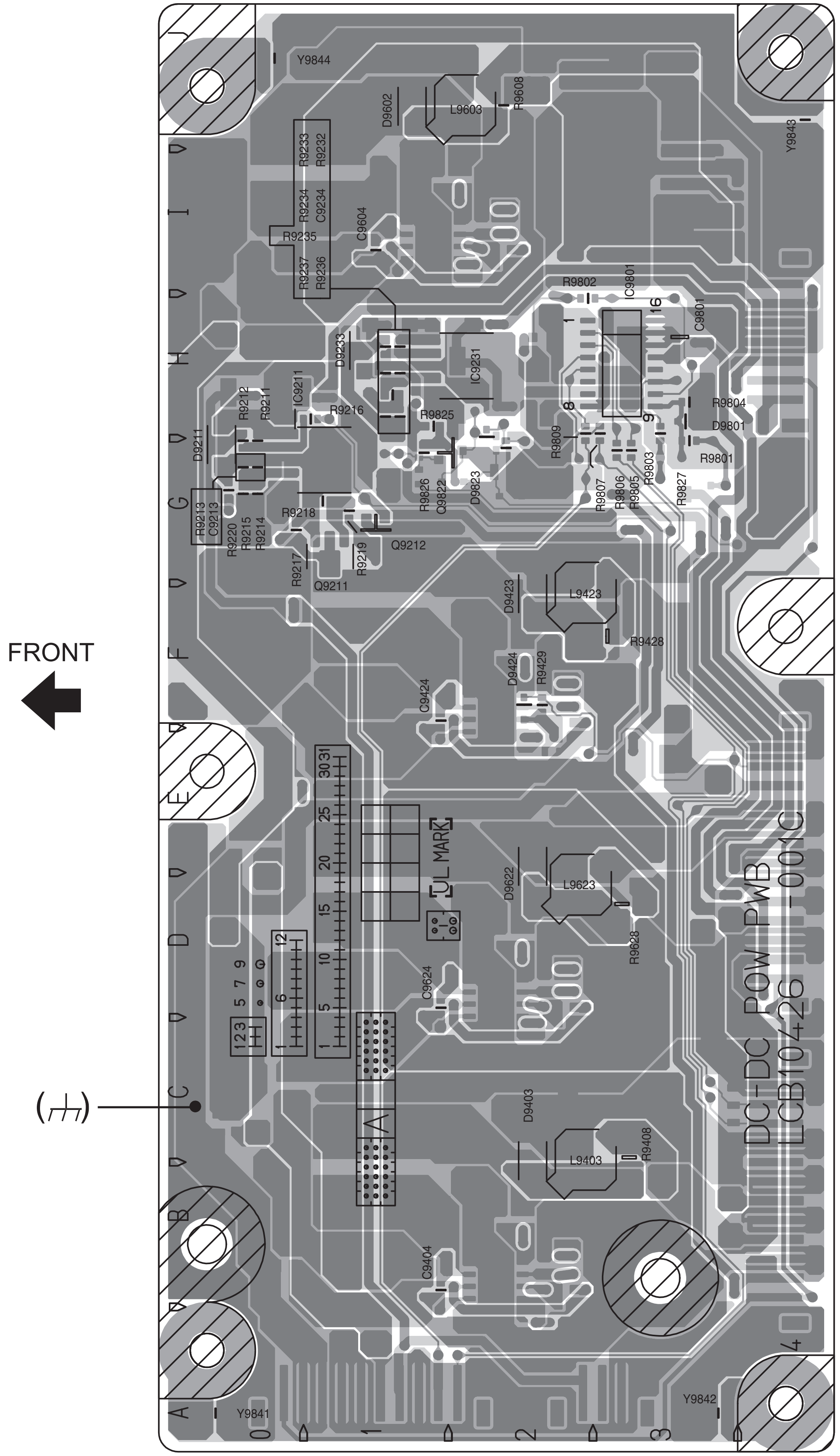
FRONT CONTROL PWB PATTERN [SOLDER SIDE]


FRONT PWB
LCB10466 -001B
TOP

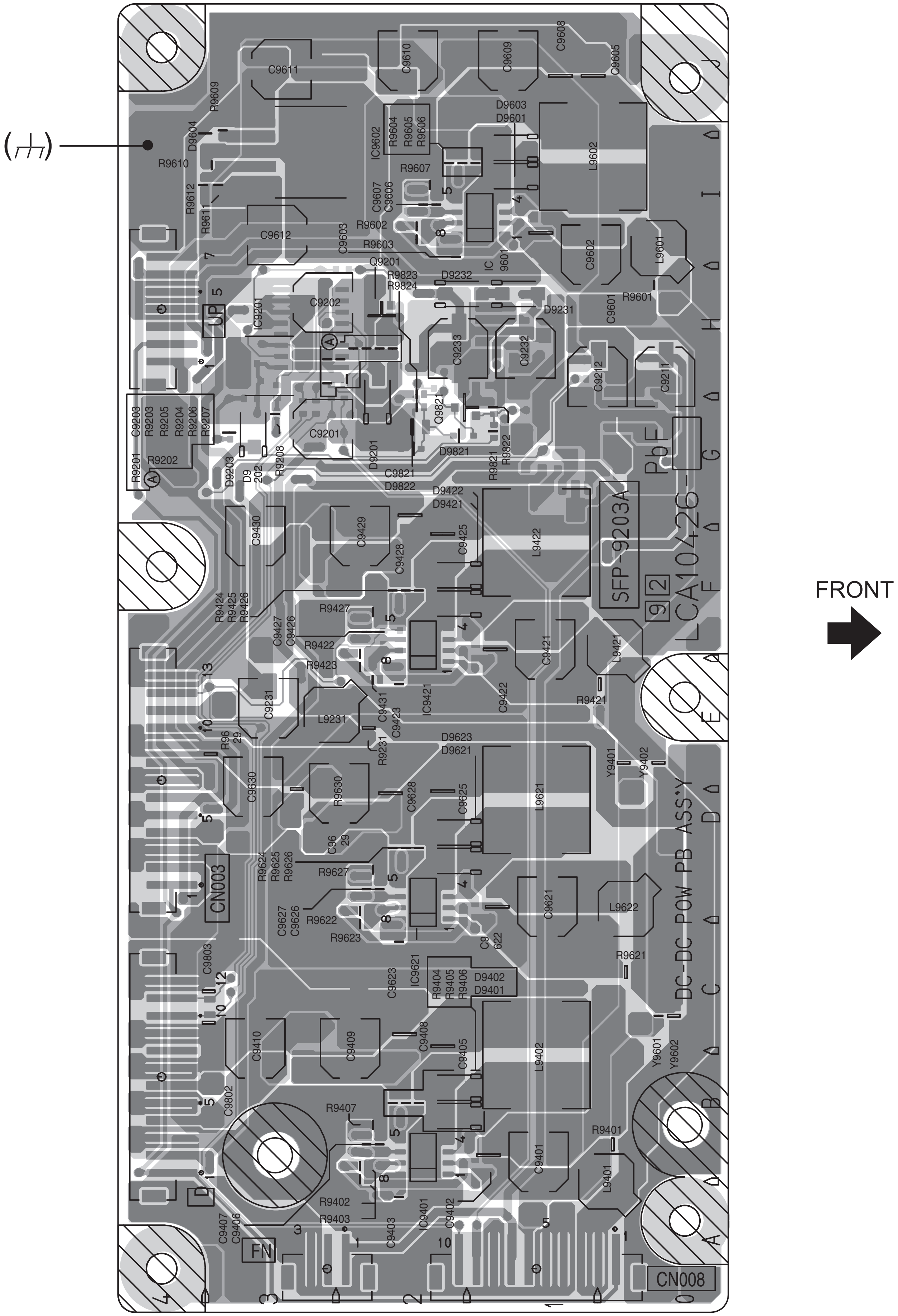
FRONT CONTROL PWB PATTERN [PARTS SIDE]


80
SFP-8501A
CN800F
LCA10466
PbF
FRONT PB ASS'Y
POWER
TOP

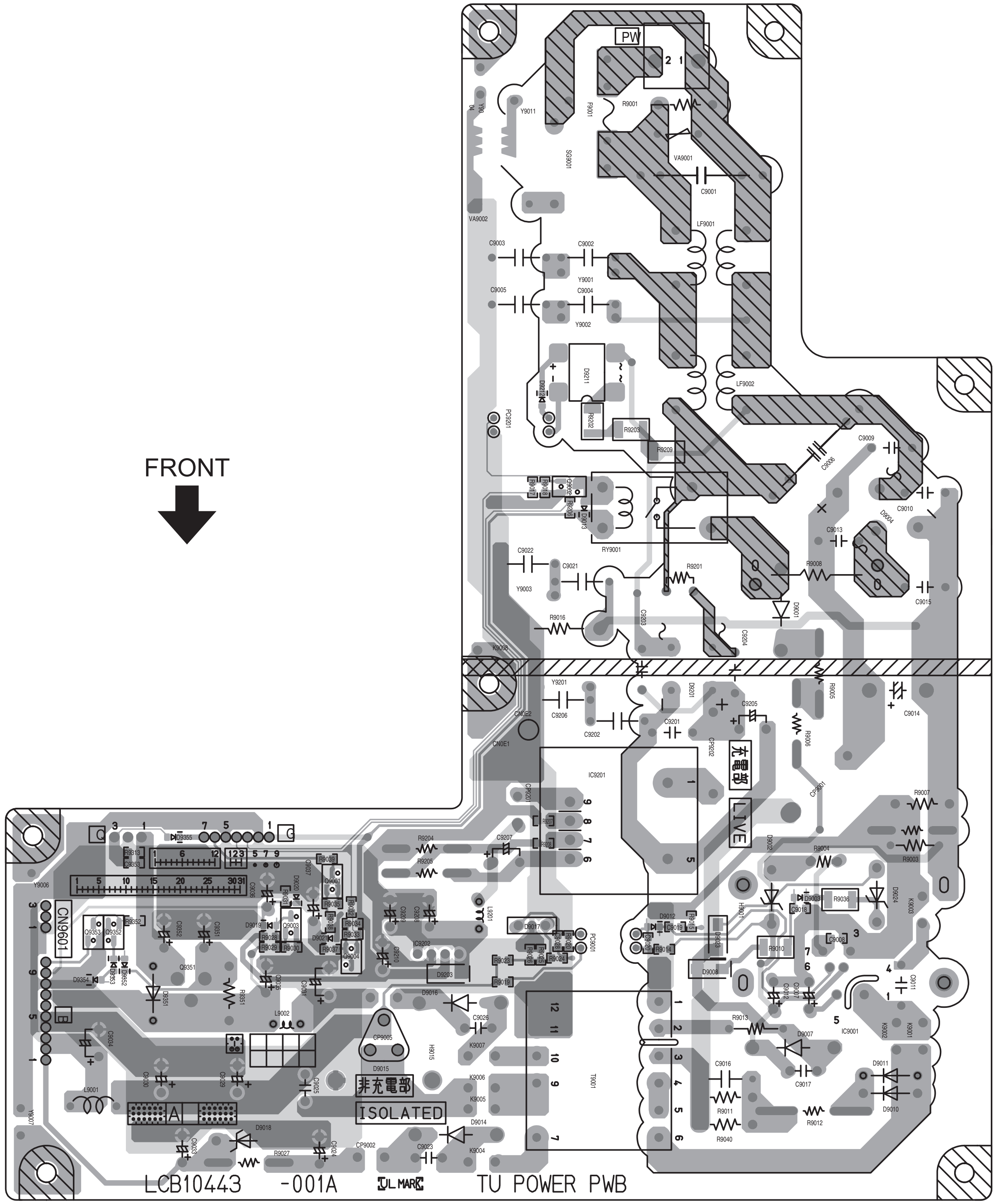
REGULATOR PWB PATTERN [SOLDER SIDE]


FRONT
(⏚)
Y9844
Y9843
Y9841
Y9842
DC-DC POW PWB
LCB10426 -001C
UL MARK
A
L9603
L9423
L9623
L9403
IC9801
IC9231
IC9211
Q9212
Q9211
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

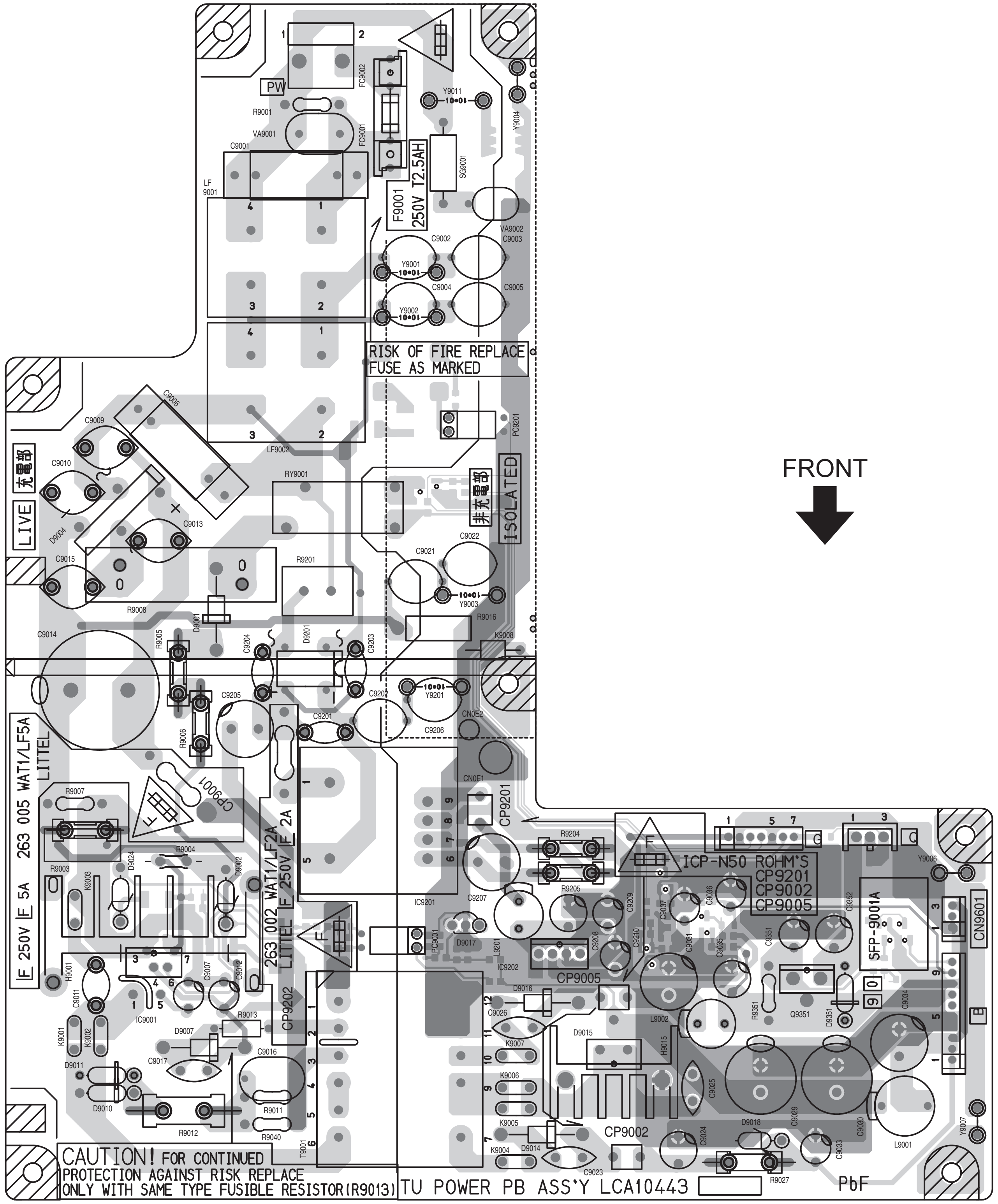
REGULATOR PWB PATTERN [PARTS SIDE]


(⏚)
FRONT
DC-DC POW PB ASS'Y
LCA10426-
SFP-9203A
CN003
CN008
FN
UP
L9602
L9601
L9422
L9421
L9621
L9622
L9402
L9401
L9231
IC9602
IC9601
IC9201
IC9421
IC9621
Q9201
Q9821
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

SYSTEM POWER PWB PATTERN [SOLDER SIDE]

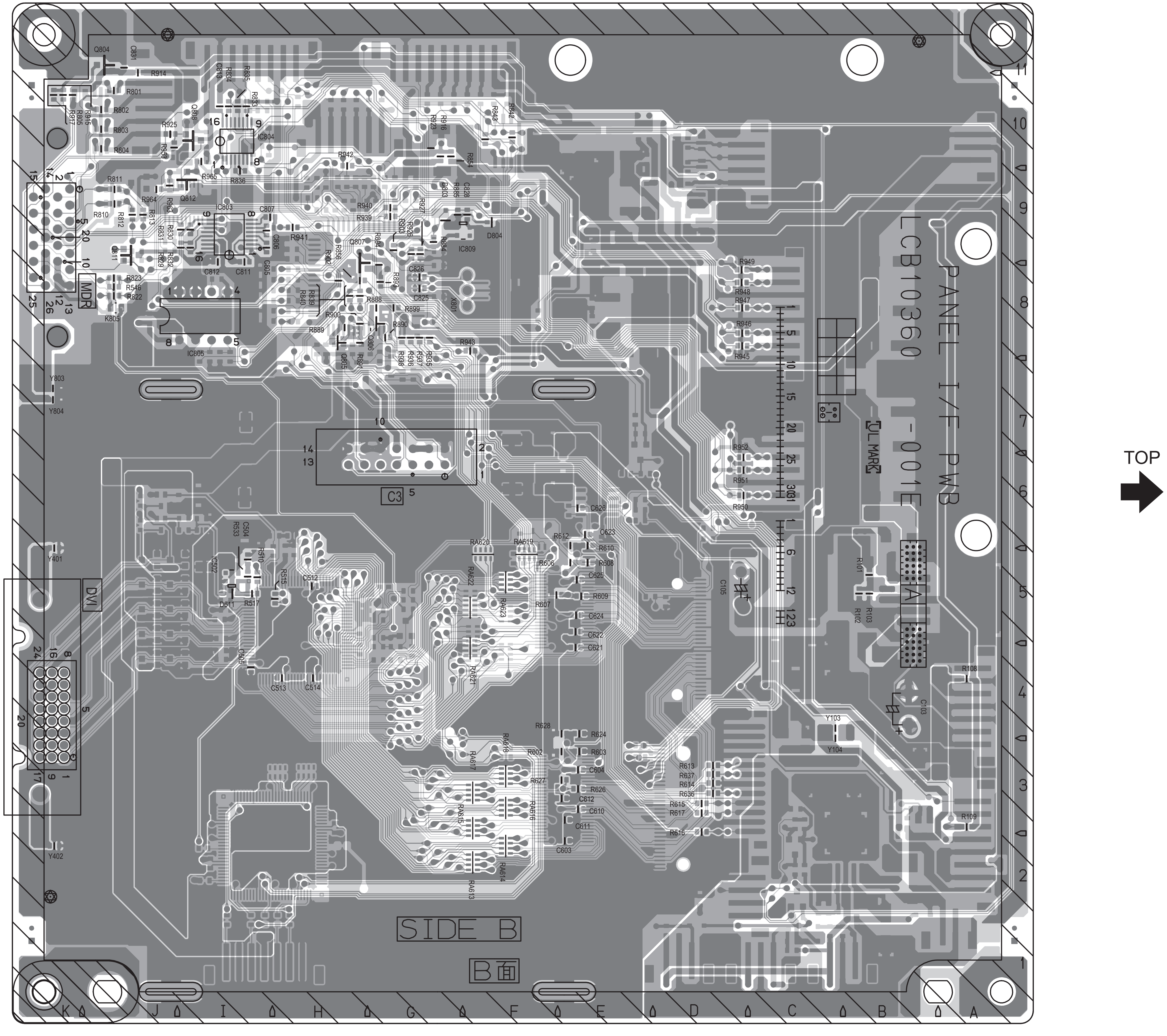

FRONT
PW
充電部
LIVE
非充電部
ISOLATED
CN9601
LCB10443 -001A
TU POWER PWB

SYSTEM POWER PWB PATTERN [PARTS SIDE]


FRONT
PW
F9001 250V T2.5AH
RISK OF FIRE REPLACE FUSE AS MARKED
LIVE
充電部
非充電部
ISOLATED
263 005 WAT1/LF5A LITTEL
F 250V F 5A
263 002 WAT1/LF2A LITTEL F 250V F 2A
ICP-N50 ROHM'S CP9201 CP9002 CP9005
SFP-9001A
CN9601
CAUTION! FOR CONTINUED PROTECTION AGAINST RISK REPLACE ONLY WITH SAME TYPE FUSIBLE RESISTOR(R9013)
TU POWER PB ASS'Y LCA10443
PbF

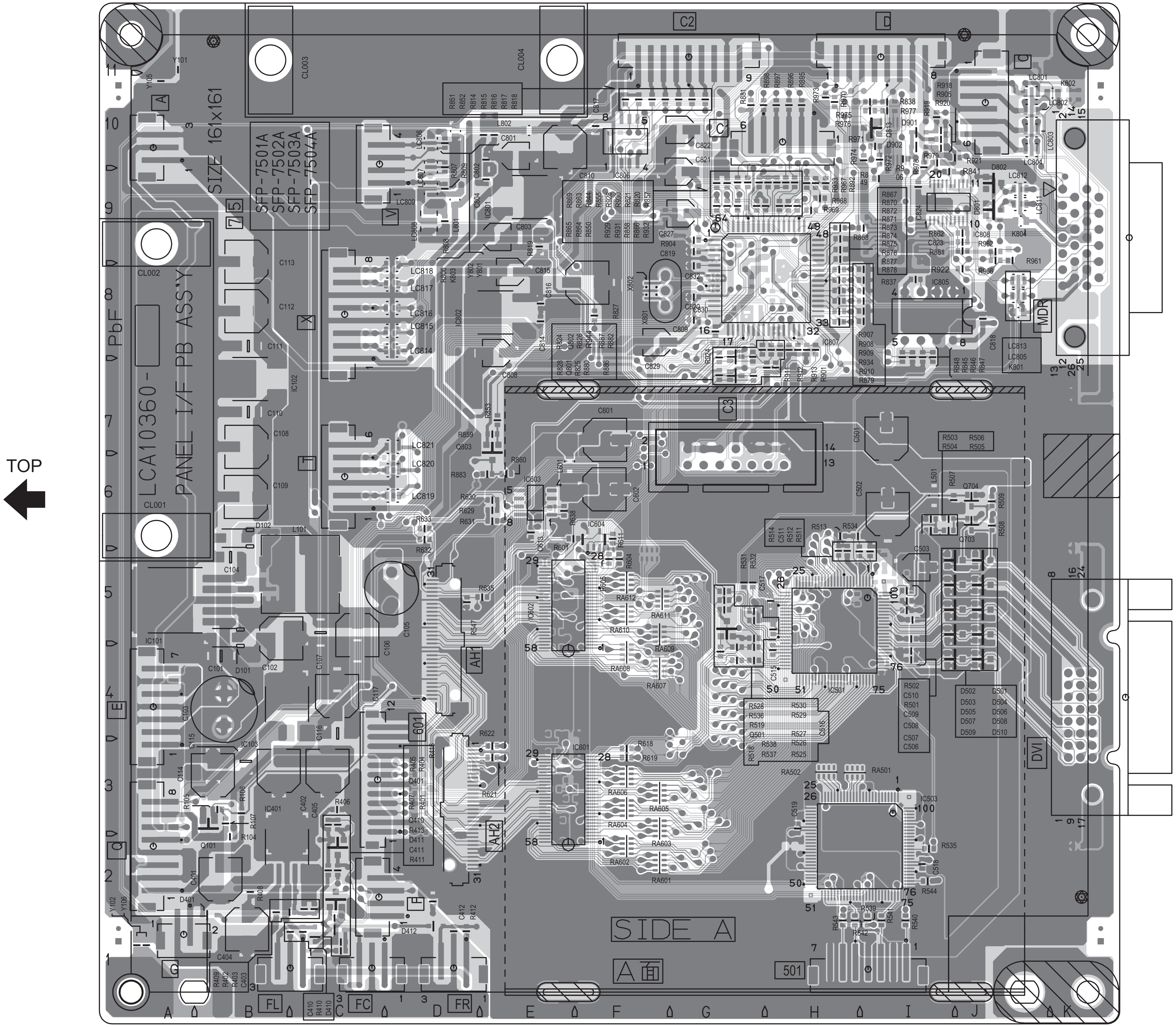
PATTERN DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB PATTERN [SOLDER SIDE]

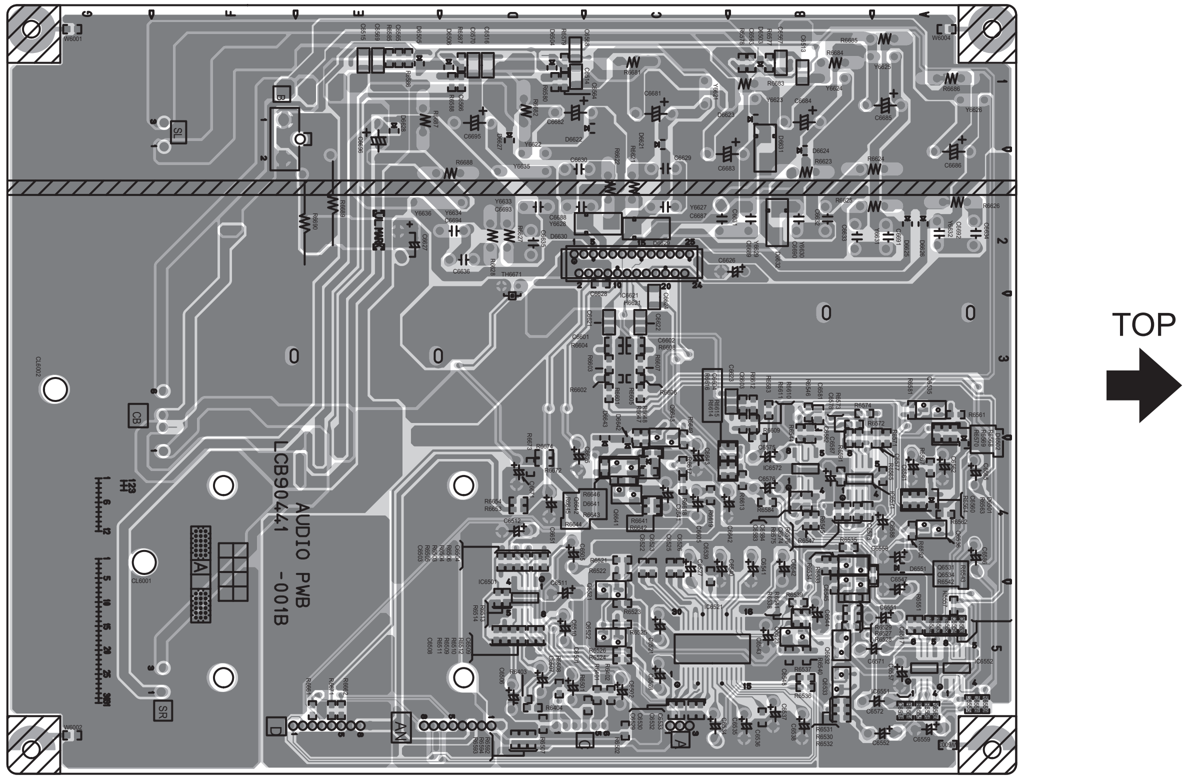


TOP
PANEL I/F PWB
LCB10360 -001E
UL MARK
SIDE B
B面
MDR
DVI
C3
IC804
IC803
IC805
IC809
Q804
Q808
Q812
Q807
Q805
Q806
D804
D611
X801
K805
Y803
Y804
Y401
Y402
Y103
Y104
R914
R801
R802
R803
R804
R805
R815
R917
R925
R965
R836
R811
R810
R812
R813
R964
R941
R942
R940
R939
R888
R889
R890
R899
R900
R943
R949
R948
R947
R946
R945
R952
R951
R950
R101
R102
R103
R108
R109
R553
R510
R515
R517
R612
R610
R608
R606
R607
R609
R628
R624
R602
R603
R627
R626
R613
R637
R614
R636
R615
R617
R616
C807
C811
C812
C806
C805
C825
C826
C504
C502
C512
C513
C514
C505
C626
C623
C625
C624
C622
C621
C604
C612
C610
C611
C603
C105
C103
RA620
RA619
RA622
RA623
RA621
RA618
RA617
RA615
RA616
RA614
RA613
A
B
C
D
E
F
G
H
I
J
K
1
2
3
4
5
6
7
8
9
10
11

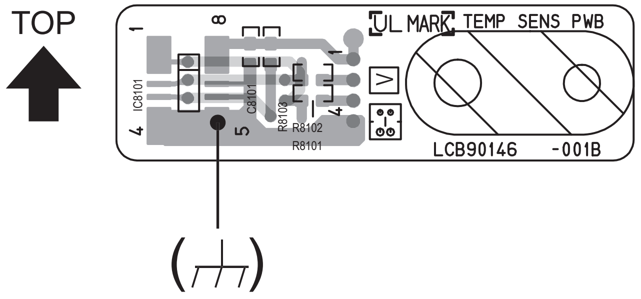
DISPLAY INTERFACE PWB PATTERN [PARTS SIDE]


TOP
LCA10360-
PANEL I/F PB ASS'Y
PbF
SFP-7501A
SFP-7502A
SFP-7503A
SFP-7504A
SIZE 161x161
75
SIDE A
A面
501
C2
D
C1
C3
601
AH1
AH2
DVI
MDR
FL
FC
FR
G
Q
E
A
V
CL001
CL002
CL003
CL004
IC101
IC102
IC103
IC401
IC501
IC503
IC601
IC602
IC603
IC604
IC805
IC806
IC807
L101
L501
L601
L801
L802
A
B
C
D
E
F
G
H
I
J
K
1
2
3
4
5
6
7
8
9
10
11

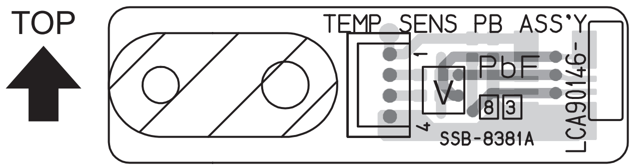
AUDIO PWB PATTERN [SOLDER SIDE]


AUDIO PWB
LCB90441 -001B
TOP

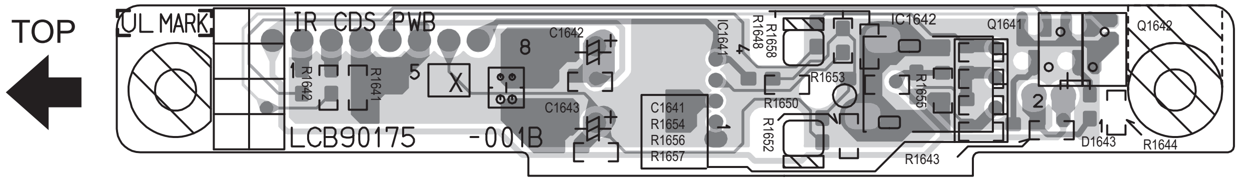
TEMP. SENSOR PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
TEMP SENS PWB
LCB90146 -001B
IC8101
C8101
R8103
R8102
R8101
V
8
5
4
1

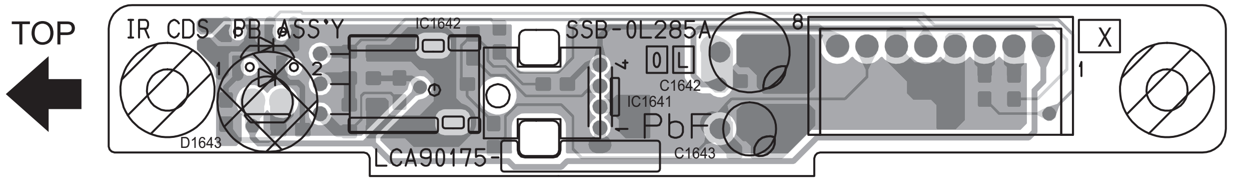
TEMP. SENSOR PWB PATTERN [PARTS SIDE]


TOP
TEMP SENS PB ASS'Y
PbF
V
8 3
SSB-8381A
LCA90146-

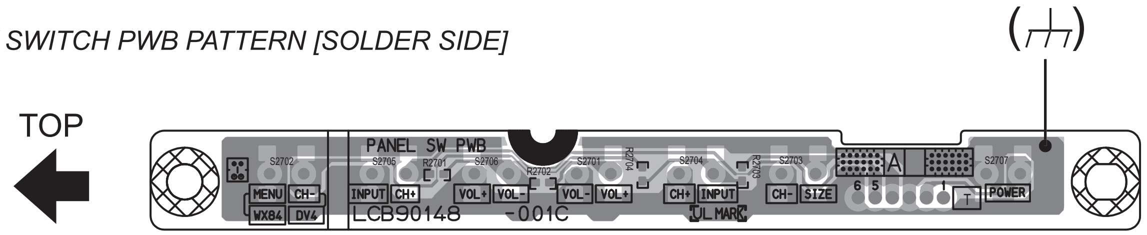
DISPLAY LED PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
IR CDS PWB
LCB90175 -001B
X
C1642
C1643
C1641
R1654
R1656
R1657
IC1641
R1658
R1648
R1650
R1652
R1653
R1655
IC1642
Q1641
Q1642
D1643
R1643
R1644

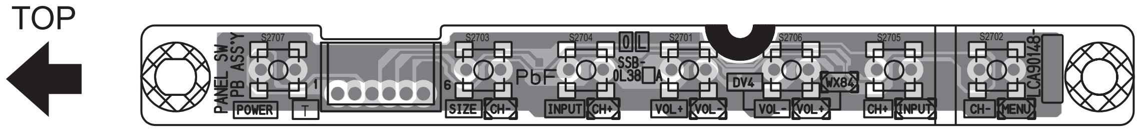
DISPLAY LED PWB PATTERN [PARTS SIDE]


TOP
IR CDS PB ASS'Y
IC1642
SSB-0L285A
0L
C1642
IC1641
PbF
LCA90175-
C1643
D1643
X
8
2
1

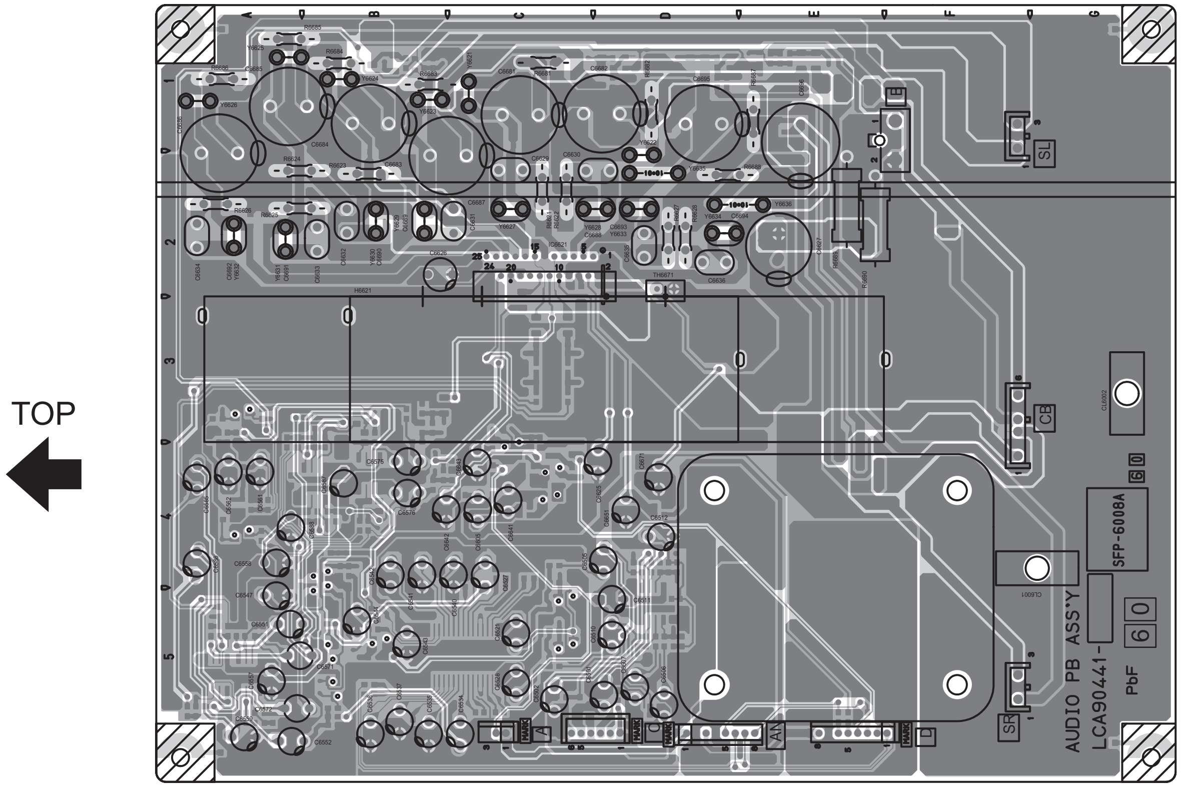
DISPLAY SWITCH PWB PATTERN [SOLDER SIDE]


TOP
PANEL SW PWB
LCB90148 -001C
UL MARK
MENU
CH-
WX84
DV4
INPUT
CH+
VOL+
VOL-
VOL-
VOL+
CH+
INPUT
CH-
SIZE
POWER
A

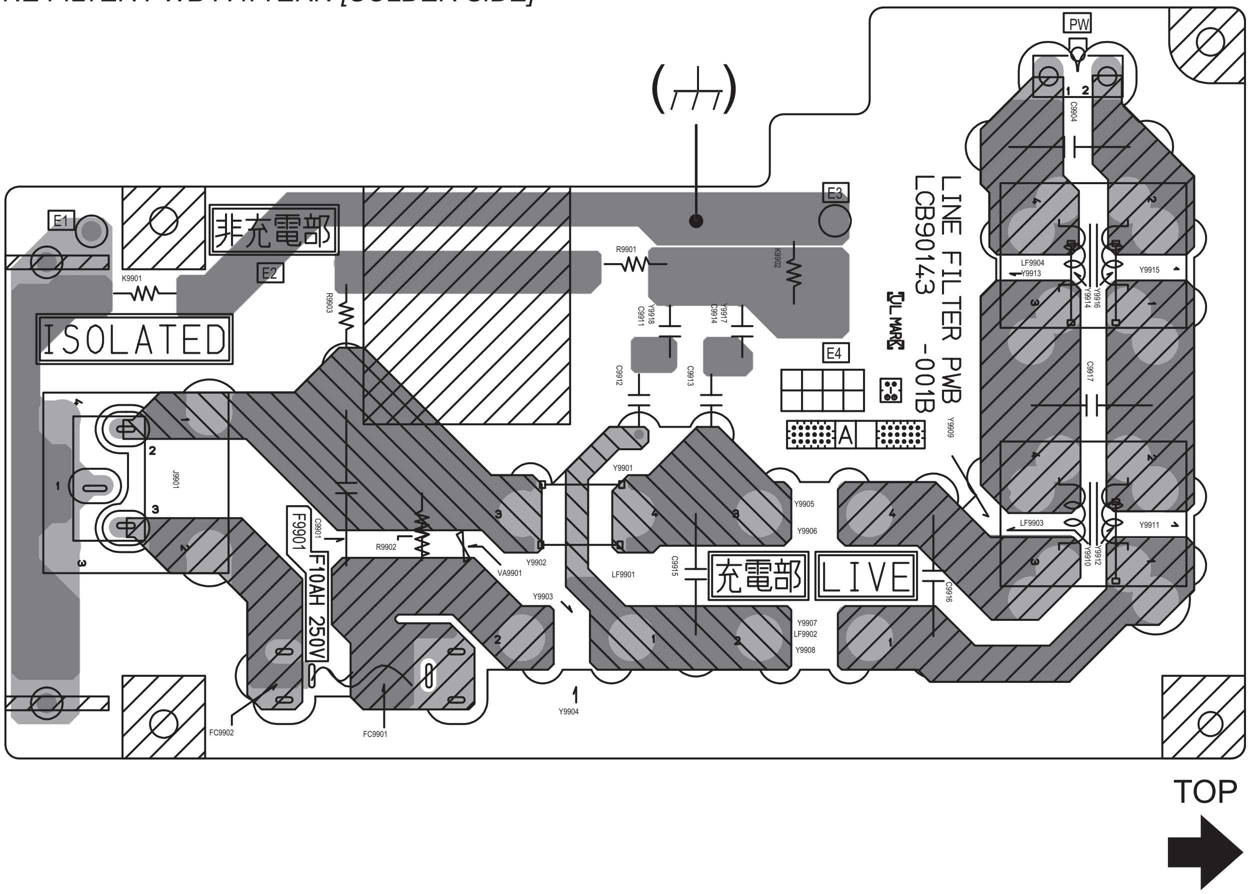
DISPLAY SWITCH PWB PATTERN [PARTS SIDE]


TOP
PANEL SW PB ASS'Y
POWER
SIZE
CH-
INPUT
CH+
VOL+
VOL-
VOL-
VOL+
CH+
INPUT
CH-
MENU
PbF
SSB-0L36
DV4
WX84
LCA90148-

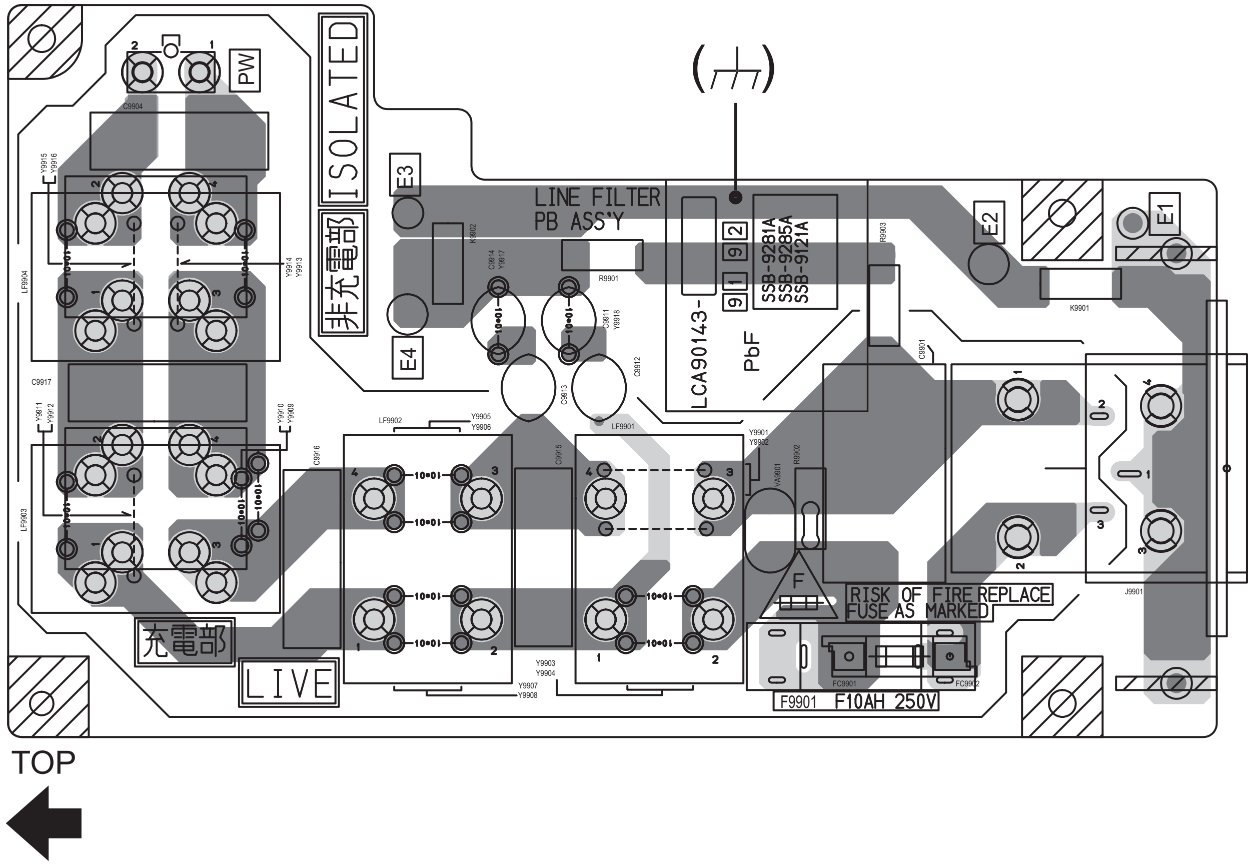
AUDIO PWB PATTERN [PARTS SIDE]


TOP
AUDIO PB ASS'Y
LCA90441-
PbF
SFP-6008A
6 0
SL
CB
SR

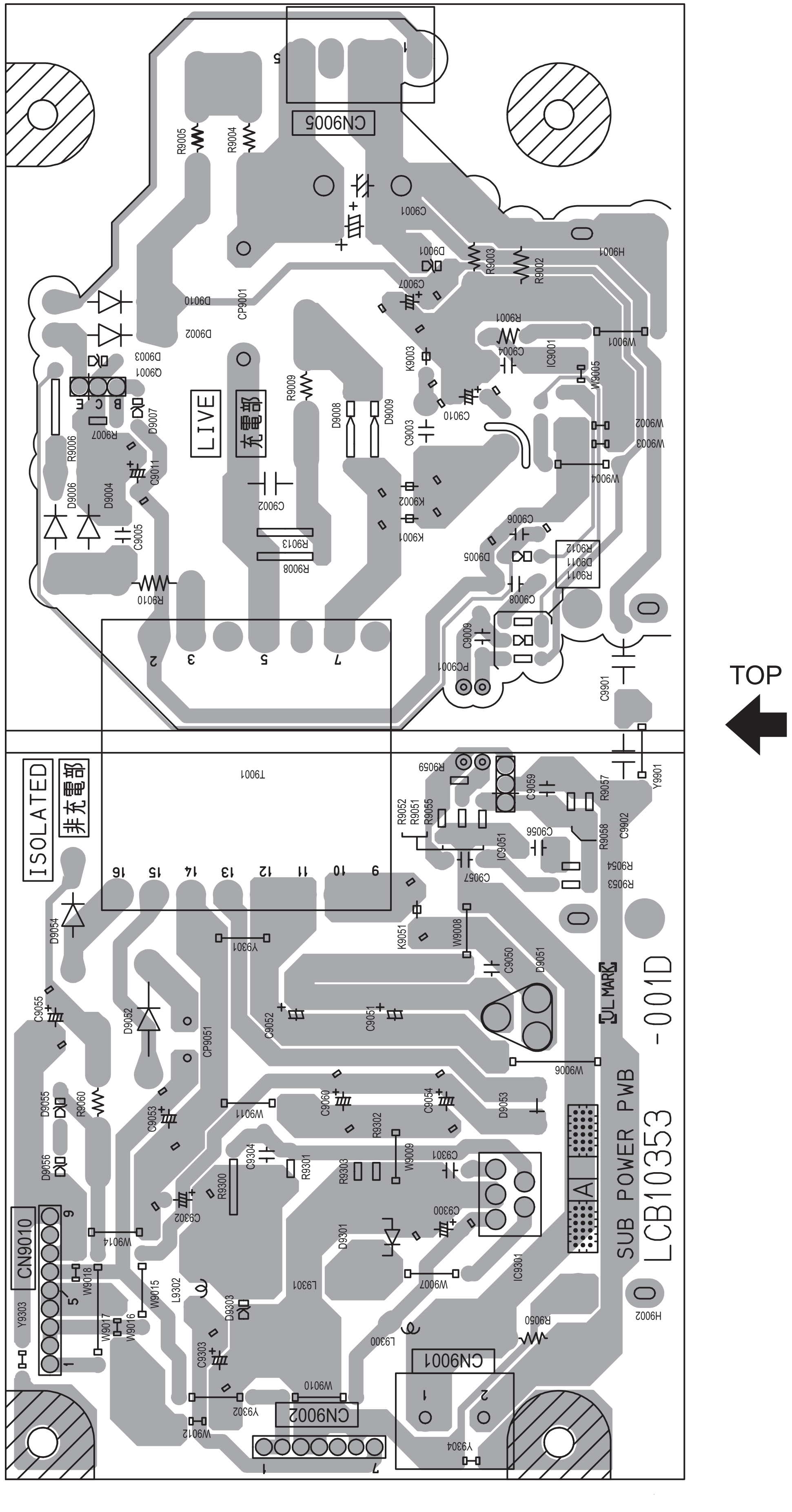
LINE FILTER PWB PATTERN [SOLDER SIDE]


LINE FILTER PWB
LCB90143 -001B
ISOLATED
非充電部
充電部
LIVE
F9901 F10AH 250V
PW
E1
E2
E3
E4
A
TOP

LINE FILTER PWB PATTERN [PARTS SIDE]


LINE FILTER PB ASS'Y
LCA90143-
PbF
SSB-9281A
SSB-9285A
SSB-9121A
ISOLATED
非充電部
充電部
LIVE
RISK OF FIRE REPLACE FUSE AS MARKED
F9901 F10AH 250V
PW
E1
E2
E3
E4
TOP

SUB POWER PWB PATTERN


SUB POWER PWB
LCB10353 -001D
CN9005
CN9001
CN9002
CN9010
T9001
ISOLATED
非充電部
LIVE
充電部
A
TOP

VOLTAGE CHARTS [RECEIVER UNIT]

<RECEIVER PWB>
[P.2-9,10]

MODE PIN NO.	DC (V)
IC3102	
1	0
2	4.5
3	4.5
4	1.3
5	1.2
6	0
7	0
8	0
9	4.7
10	0
11	0
12	0
13	4.8
14	4.5
15	4.8
16	4.8
IC3103	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	4.5
8	9.0
IC3301	
1	4.4
2	4.5
3	4.4
4	0.7
5	4.5
6	0.7
7	0
8	4.5
9	0
10	4.6
11	4.8
12	9.0
13	4.4
14	4.5
15	0
16	4.5
17	4.4
18	4.5
IC3302	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	0
8	8.9
Q3003	
E	0
C	1.7
B	0
Q3101	
E	0
C	3.7
B	0
TU3001	
1	0
2	0
3	0
9	31.3
10	4.8
11	4.7
12	4.7
13	0
14	0
20	0
21	1.7
22	4.8
23	0.7
24	2.3
25	0
26	2.3
27	2.3
28	0
TU3101	
1	31.3
2	4.8
3	4.5
4	4.5
5	2.4
6	0
13	3.7
14	4.8
15	4.5
16	2.8
17	0
18	0.7
19	0.6
20	0.5
21	4.8
22	0
23	8.9
24	4.2
25	4.1
26	0

<ANALOG SIGNAL PWB>
[P.2-11 ,12]

MODE PIN NO.	DC (V)
IC501	
1	4.0
2	4.4
3	4.0
4	4.4
5	4.4
6	0
7	4.9
8	4.2
9	4.4
10	4.1
11	4.4
12	4.4
13	0
14	0
15	4.3
16	4.4
17	4.0
18	4.5
19	4.4
20	0
21	4.9
22	4.0
23	4.4
24	4.0
25	4.4
26	4.4
27	0
28	4.9
29	4.4
30	4.0
31	4.4
32	9.0
33	4.5
34	4.5
35	0
36	4.4
37	4.4
38	4.4
39	3.7
40	4.4
41	4.3
42	9.0
43	4.4
44	4.3
45	4.5
46	3.7
47	4.4
48	0
49	4.7
50	4.5
51	4.5
52	4.5
53	4.3
54	4.5
55	3.7
56	3.8
57	0
58	4.3
59	4.4
60	5.3
61	4.4
62	4.5
63	4.3
64	4.4
IC502	
1	2.1
2	2.1
3	9.0
4	2.0
5	0
6	9.0
IC503	
1	2.9
2	3.0
3	9.0
4	2.7
5	0
6	0
IC504	
1	2.1
2	2.1
3	0
4	0
5	0
6	8.9
Q507	
E	2.7
C	0
B	2.2
Q508	
E	2.8
C	0
B	2.2
Q509	
E	2.4
C	0
B	1.9

[P.2-13,14]

MODE PIN NO.	DC (V)
IC711	
1	0
2	2.4
3	4.5
4	0.3
5	2.2
6	4.5
7	1.5
8	0
9	2.4
10	0
11	4.9
12	4.9
13	0
14	4.5
15	4.6
16	4.9
IC801	
1	2.9
2	1.9
3	1.4
4	0.2
5	2.6
6	5.0
7	2.5
8	0
9	0.2
10	0.8
11	2.4
12	5.0
13	4.6
14	4.6
15	0
16	0
17	0
18	0
19	0
20	2.4
21	1.6
22	1.8
23	1.8
24	0
25	2.2
26	2.2
27	2.1
28	0
29	0
30	0
31	0
32	5.0
33	2.2
34	2.3
35	2.3
36	0
37	5.0
38	3.9
39	2.7
40	3.1
41	4.5
42	4.1
43	1.8
44	4.8
45	4.9
46	2.0
47	3.1
48	1.7
IC802	
1	1.2
2	3.1
3	4.9
4	2.4
5	0
6	1.8
7	2.3
8	0
9	0
10	0
11	4.9
12	0
13	0
14	0
15	0
16	4.6
17	0
18	0
19	2.4
20	0
21	0
22	2.6
23	2.6
24	3.3
25	3.2
26	0
27	3.6
28	1.6
IC803	
1	8.9
2	0
3	5.0
Q402	
S	3.0
D	3.1
G	4.6
Q403	
S	0
D	3.0
G	4.5
Q404	
S	2.9
D	0
G	4.7
Q405	
S	2.9
D	3.2
G	4.7
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2.0
Q810	
E	2.0
C	0
B	1.4
Q851	
E	1.6
C	0
B	0
Q853	
E	2.1
C	8.9
B	2.7
Q854	
E	2.6
C	8.9
B	3.2
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.6
C	8.9
B	3.3
Q859	
E	3.2
C	0
B	2.3
Q862	
E	0
C	4.0
B	1.5
Q863	
E	3.4
C	4.9
B	4.0

[P.2-15,16]

MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.1
3	0.1
4	0
5	0
6	0
7	6.1
8	0
9	4.8
10	0
11	8.7
12	1.3
13	0
14	0.2
15	0.1
16	0
17	0
18	0
19	0.5
20	0
21	4.5
22	4.7
23	0
24	2.1
25	1.2
26	2.1
27	0
28	0.5
29	0.1
30	5.0
IC202	
1	0.5
2	0.5
3	0
4	0
5	3.2
IC203	
1	0.2
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	4.9
10	5.0
11	5.0
12	0
13	0
14	0
15	0.2
16	5.0
IC301	
1	5.0
2	4.5
3	4.6
4	0
5	4.6
6	0
7	4.6
8	4.8
9	4.6
10	0.4
11	4.4
12	4.4
13	0
14	4.6
15	0
16	4.6
17	4.8
18	4.6
19	0.3
20	4.3
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.2
27	4.2
28	0
29	0
30	4.3
31	8.9
32	4.4
33	4.5
34	0
35	4.4
36	4.4
37	0
38	4.5
39	4.4
40	4.4
41	4.4
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.6
49	0
50	4.6
51	0
52	4.6
53	0.4
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.6
60	0
61	4.6
62	0.4
63	4.4
64	4.4
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.4
71	4.4
72	0
73	5.0
74	4.6
75	4.6
76	4.6
77	0.2
78	4.4
79	4.4
80	0
IC611	
1	2.9
2	2.9
3	3.0
4	0.2
5	2.9
6	2.9
7	3.0
8	5.5
IC612	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.5
7	4.4
8	8.9
Q307	
E	0
C	0
B	0

[P.2-19 ,20]

MODE PIN NO.	DC (V)
IC902	
1	4.9
2	0
3	3.3
Q901	
E	0
C	9.6
B	8.9

<REAR JACK PWB>
[P.2-21,22]

MODE PIN NO.	DC (V)
Q2051	
E	0
C	0
B	-0.3
Q2052	
E	0
C	0
B	-0.3
Q2055	
E	0
C	-0.3
B	0
Q2201	
E	0
C	0
B	-0.2
Q2202	
E	0.1
C	-0.3
B	0
Q2203	
E	0
C	0
B	-0.2
Q2204	
E	0
C	0
B	-0.2
Q2205	
E	0
C	-0.2
B	0

<DIGITAL SIGNAL PWB>
[P.2-23,24]

MODE PIN NO.	DC (V)
IC1501	
1	3.2
2	0
3	4.9
4	0
5	0
6	4.9
7	4.9
8	4.9
IC1531	
1	0
2	0
3	0
4	0.6
5	0
6	0.6
7	0
8	0
9	3.3
10	0
11	3.3
12	3.3
13	1.7
14	0
15	3.3
16	3.3
17	0
18	3.3
19	3.3
20	3.3
21	0
22	0.2
23	0.3
24	0
25	1.2
26	3.3
27	0
28	1.6
29	3.2
30	1.8
31	0
32	3.3
33	3.3
34	0
35	1.5
36	0
37	3.3
38	0
39	3.2
40	0
41	3.3
42	3.3
43	3.2
44	0
45	1.6
46	1.9
47	2.1
48	1.2
49	3.3
50	2.1
51	0
52	1.0
53	2.0
54	1.8
55	3.3
56	1.4
57	0
58	0
59	0
60	3.3
61	0
62	3.3
63	0
64	3.3
65	0
66	0
67	0
68	3.3
69	0
70	0
71	0
72	0
73	0
74	0
75	3.3
76	0
77	0
78	0
79	1.0
80	0
IC1532	
1	3.7
2	0
3	1.4
4	1.4
5	4.9
IC1534	
1	0
2	1.6
3	0
4	0
5	3.3
6	1.6
7	1.6
8	3.2
Q1536	
E	3.0
C	8.2
B	3.6

[P.2-25,26]

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	0.1
3	0
4	3.1
5	3.3
Q0201	
E	3.6
C	7.7
B	4.3
Q0202	
E	8.5
C	4.7
B	7.7
Q0203	
E	0
C	1.8
B	0
Q0204	
E	5.4
C	0
B	4.7
Q0207	
E	2.4
C	0
B	1.8
Q0208	
E	1.7
C	8.9
B	2.4
Q0209	
1	2.4
2	0.1
3	2.4
4	2.4
5	0.1
6	2.4
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0301	
E	3.6
C	7.8
B	4.3
Q0302	
E	8.5
C	4.6
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	0
C	0
B	4.6
Q0307	
E	2.4
C	0
B	1.8
Q0308	
E	1.8
C	8.9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	0.1
5	0.1
6	2.4
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0
6	0.1

[P.2-27,28]

MODE PIN NO.	DC (V)
Q1003	
E	1.3
C	2.4
B	1.9
Q1301	
E	3.6
C	8.9
B	4.2
Q1303	
E	2.4
C	0
B	1.8
Q1401	
E	3.7
C	8.9
B	4.3
Q1403	
E	2.5
C	0
B	1.8

[P.2-29,30]

MODE PIN NO.	DC (V)
IC2002	
1	3.3
2	0
3	0
4	1.9
5	3.3
6	0
7	0
8	4.8
Q2101	
E	1.0
C	0
B	0.2
Q2102	
E	1.4
C	0
B	0.6
CN005	
1	0
2	0
3	0
4	2.9
5	0
6	0
7	0
8	30.6
9	0
10	0
11	15.9
12	0
13	7.0
14	7.1
15	3.3
16	0
17	0
18	3.3
19	3.3
20	3.3
21	3.3
22	3.3
23	2.9
24	3.3
25	0
26	0
27	3.3
28	3.3
29	3.3
30	0.2
31	0
32	3.3
33	3.3
34	0
35	0
36	0
37	0
38	0
39	3.3
40	0
41	4.4
42	0
43	4.4
44	0
45	0.1
46	0
47	0.6
48	0
49	0
50	0
51	8.9
52	8.8
53	8.8
54	4.8
55	0
56	0
57	4.8
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	1.6
84	0
85	1.0
86	0
87	0
88	0
89	0
90	0
91	3.3
92	0
93	3.3
94	0
95	0
96	0
97	0
98	0
99	0
100	0
101	0
102	0
103	0
104	0
105	0
106	3.3
107	3.3
108	0
109	0.9
110	0

[P.2-31,32]

MODE PIN NO.	DC (V)
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.4
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.4
15	2.4
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.4
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.4
96	0
97	1.2
98	1.2
99	0
100	1.2
IC3502	
1	1.2
2	2.4
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.4
15	2.4
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.6
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.5
66	0
67	2.4
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.4
6	2.4
7	2.4
8	1.2

[P.2-33,34]

MODE PIN NO.	DC (V)
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3

[P.2-37,38]

MODE PIN NO.	DC (V)
IC6003	
1	0
2	3.4
3	5.9
4	0.2
5	0.2
6	-5.0
7	-5.3
8	-4.8
9	3.3
10	3.3
11	3.3
12	3.2
13	-5.3
14	0
15	3.2
16	3.3
IC6101	
1	3.3
2	2.7
3	3.1
4	3.3
5	0
6	0
7	3.3
8	3.3
9	1.9
10	0
11	3.3
12	3.3
13	3.3
14	3.3
15	3.2
16	0
17	0
18	3.3
19	2.7
20	0
21	3.0
22	3.0
23	3.3
24	3.0
25	3.0
26	0
27	3.0
28	3.0
29	3.3
30	3.0
31	3.0
32	0
33	3.3
34	0
35	0
36	1.3
37	0
38	0.4
39	0.6
40	0.6
41	0.7
42	0.6
43	0
44	1.4
45	0
46	0
47	0.4
48	0
49	3.3
50	0.7
51	0.6
52	0.6
53	0.6
54	1.2
55	0.4
56	0
57	1.1
58	0.2
59	0.4
60	0.5
61	0.7
62	0.6
63	0.6
64	0
IC6103	
1	3.3
2	3.3
3	3.3
4	0
Q6001	
E	0
C	0
B	0.7
Q6101	
S	3.3
D	3.3
G	4.8
Q6102	
S	3.3
D	3.2
G	4.8

[P.2-41,42]

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	3.3
8	3.3
9	3.3
10	3.3
11	3.3
12	0
13	0
14	3.3
15	0
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.5
24	1.5
25	0
26	0
27	0
28	0
29	0
30	0
31	0
32	3.2
33	0
34	3.3
35	0.2
36	0
37	0
38	3.3
39	0.2
40	0
41	0
42	0
43	0
44	0
45	0
46	3.3
47	3.3
48	0
49	3.3
50	2.1
51	3.3
52	3.3
53	0.3
54	3.3
55	3.3
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	0.2
64	0.2
65	0.2
66	3.3
67	3.3
68	3.3
69	0
70	3.3
71	3.3
72	0
73	3.3
74	0
75	3.3
76	0.5
77	0
78	0
79	0.2
80	0
81	0
82	0
83	3.3
84	3.4
85	3.4
86	3.3
87	0
88	0
89	3.2
90	3.2
91	0
92	0
93	3.3
94	0
95	0
96	3.3
97	0
98	0
99	0
100	2.4
IC7302	
1	4.8
2	0
3	4.8
4	4.8
5	3.9
6	3.9
7	2.1
8	4.8
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	3.3
19	3.3
20	4.8
IC7401	
1	3.3
2	3.3
3	0
4	0

[P.2-43,44]

MODE PIN NO.	DC (V)
IC9001	
1	7.2
2	17.9
3	2.4
4	0
5	1.2
6	1.4
7	5.0
8	0
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.2
7	4.8
8	0

<FRONT CONTROL PWB>
[P.2-45,46]

MODE PIN NO.	DC (V)
IC1001	
1	8.7
2	4.0
3	0.7
4	0.8
5	4.0
6	4.3
7	0
8	0
9	4.0
10	4.0
11	0.8
12	0.9
13	4.0
14	0
Q1201	
E	0
C	0
B	3.3
Q1205	
E	1.9
C	1.9
B	0
Q1206	
E	4.9
C	0
B	4.9
Q1209	
E	0
C	4.9
B	0

<REGULATOR PWB>
[P.2-47,48]

MODE PIN NO.	DC (V)
IC8831	
1	0
2	0
3	0
4	3.3
5	3.3
6	3.3
7	0
8	3.3
9	3.3
10	0
11	0
12	0
13	0
14	3.3
IC8832	
1	0
2	3.3
3	3.3
4	0
5	0
6	4.8
7	4.8
8	4.5
9	3.3
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	3.3
20	0
21	3.3
22	0
23	0
24	1.6
25	1.6
26	3.3
27	3.3
28	3.3
Q8831	
E	0
C	3.3
B	0
CN800M	
1	3.3
2	0
3	3.3
4	4.8
5	0
6	0
7	0
8	3.3
9	0
10	0
11	0
CN800L	
1	3.3
2	0
3	0
4	0
5	3.3
6	0
7	3.3
8	3.3
9	3.3
10	3.3
11	3.3
12	3.3

<SYSTEM POWER PWB>
[P.2-49,50]

MODE PIN NO.	DC (V)
IC 9001	
1	125.4
3	0
4	19.5
5	0.1
6	1.2
7	0.4
Q 9001	
E	0
C	3.2
B	0
Q 9002	
E	0
C	0
B	0.7
Q 9003	
E	0
C	0
B	0.7
Q 9004	
E	1.1
C	0
B	0.9
Q 9351	
E	10.9
C	16.1
B	11.5
Q 9352	
E	0
C	2.5
B	0
Q 9353	
E	0
C	0
B	0

VOLTAGE CHARTS [DISPLAY UNIT]

<DISPLAY INTERFACE PWB>
[P.2-51-P.2-52]

MODE PIN NO.	DC (V)
IC801	
1	5.0
2	0
3	3.3
IC802	
1	12.1
2	0
3	5.0
IC803	
1	0
2	4.9
3	7.7
4	0
5	0
6	-5.7
7	-5.8
8	-4.4
9	4.9
10	4.9
11	0
12	0
13	0
14	-0.1
15	4.9
16	5.0
IC805	
1	0
2	0
3	0
4	0
5	4.8
6	4.8
7	0
8	4.9
IC807	
1	0
2	1.8
3	5.0
4	2.5
5	0
6	3.2
7	4.9
8	0
9	0
10	2.4
11	2.5
12	4.8
13	0
14	0
15	0
16	0
17	4.9
18	0
19	0
20	4.9
21	4.9
22	0
23	4.7
24	4.9
25	4.7
26	4.3
27	2.9
28	4.6
29	4.6
30	0
31	0
32	0
33	0
34	0
35	4.7
36	0
37	3.9
38	0
39	4.7
40	4.9
41	4.7
42	4.8
43	4.7
44	0
45	2.1
46	0
47	4.9
48	0
49	4.9
50	4.9
51	4.9
52	3.8
53	4.8
54	1.1
55	0
56	4.8
57	4.9
58	4.7
59	0
60	0
61	4.7
62	1.5
63	4.7
64	4.7
IC809	
1	4.9
2	5.0
3	0
4	0
Q803	
E	4.9
C	4.7
B	4.3
Q804	
E	0
C	0
B	0.6
Q805	
S	3.3
D	3.1
G	4.8
Q806	
S	3.3
D	3.3
G	4.8
Q807	
E	4.9
C	4.8
B	4.3
Q808	
E	0
C	5.0
B	0
Q811	
E	3.8
C	4.9
B	4.4
Q812	
E	0
C	4.9
B	0
Q813	
E	0
C	4.6
B	-0.2

[P.2-53,54]

MODE PIN NO.	DC (V)
IC501	
1	3.3
2	3.3
3	3.2
4	0
5	0
6	3.3
7	0
8	3.2
9	3.2
10	1.0
11	1.0
12	1.0
13	0.7
14	0.8
15	0.7
16	0.6
17	1.4
18	3.3
19	0
20	0.9
21	0.9
22	1.0
23	1.0
24	0.7
25	0.3
26	0.3
27	1.5
28	0
29	0
30	0.9
31	0.9
32	1.0
33	0.8
34	0.9
35	0
36	0.2
37	1.5
38	3.3
39	0
40	0.3
41	3.2
42	0
43	3.2
44	1.5
45	0
46	2.8
47	0
48	3.3
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	3.2
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	3.3
79	0
80	3.0
81	3.0
82	3.3
83	0
84	3.3
85	3.0
86	3.0
87	0
88	3.3
89	0
90	3.0
91	3.0
92	0
93	3.3
94	3.1
95	3.3
96	3.0
97	0
98	0
99	3.3
100	3.2
IC502	
1	3.3
2	3.3
3	0
4	0
IC601	
1	3.3
2	0.9
3	1.5
4	1.0
5	0
6	0.9
7	0
8	0
9	3.3
10	0.9
11	0.3
12	0.3
13	0
14	1.5
15	1.0
16	0.9
17	0
18	1.0
19	0.7
20	0.8
21	0
22	0.6
23	0.6
24	1.5
25	1.6
26	3.3
27	3.2
28	3.2
29	0
30	2.7
31	1.5
32	3.3
33	0
34	3.2
35	0
36	0
37	1.2
38	1.2
39	1.2
40	1.2
41	1.2
42	1.2
43	0
44	3.3
45	1.1
46	1.3
47	1.1
48	1.3
49	0
50	1.0
51	0.9
52	0.8
53	0
54	0.8
55	0.6
56	0.2
IC602	
1	3.3
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	3.3
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	1.6
26	3.2
27	3.3
28	3.2
29	0
30	2.8
31	1.5
32	3.3
33	0
34	3.3
35	0
36	0
37	0
38	0
39	1.4
40	0
41	1.1
42	1.3
43	0
44	0
45	0
46	2.5
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
Q501	
E	0
C	3.2
B	0
Q703	
S	3.3
D	3.1
G	4.8
Q704	
S	3.3
D	3.2
G	4.8
CN0AH1	
1	0
2	1.3
3	1.0
4	1.2
5	1.1
6	0
7	1.2
8	0.1
9	1.2
10	1.2
11	1.2
12	1.2
13	0
14	0
15	2.8
16	0.2
17	2.8
18	0.2
19	0
20	1.3
21	1.1
22	1.2
23	1.3
24	1.4
25	0.9
26	0
27	3.3
28	3.3
29	3.0
30	0
31	0

[P.2-55,56]

MODE PIN NO.	DC (V)
IC101	
1	15.9
2	3.3
3	0
4	1.2
5	6.2
IC102	
1	15.9
2	0
3	12.1
IC401	
1	15.2
2	15.2
3	10.7
4	2.5
5	0
Q410	
E	0
C	4.8
B	0.3

<AUDIO PAB>
[P.2-57,58]

MODE PIN NO.	DC (V)
IC6521	
1	6.0
2	6.1
3	6.1
4	6.1
5	6.1
6	6.1
7	6.1
8	6.1
9	0.9
10	9.1
11	0
12	4.5
13	4.3
14	0
15	0
16	12.1
17	0
18	0
19	5.8
20	5.9
21	6.1
22	6.1
23	6.1
24	6.1
25	6.1
26	6.1
27	6.1
28	6.1
29	6.1
30	6.0
IC6551	
1	6.0
2	6.2
3	6.1
4	0
5	6.1
6	6.2
7	6.0
8	12.0
IC6552	
1	6.0
2	6.0
3	6.2
4	0
5	6.2
6	6.1
7	6.1
8	12.1
IC6571	
1	6.0
2	6.0
3	6.2
4	0
5	6.1
6	6.0
7	6.0
8	12.1
IC6572	
1	6.0
2	6.0
3	6.1
4	0
5	6.1
6	6.0
7	6.0
8	12.1
IC6621	
1	0
2	0
3	10.3
4	4.1
5	10.2
6	13.4
7	3.4
8	0
9	3.4
10	10.0
11	2.7
12	2.8
13	0
14	2.8
15	2.6
16	6.6
17	3.4
18	0
19	3.4
20	13.4
21	10.2
22	4.2
23	10.2
24	0
25	1.0
Q6521	
E	0
C	0
B	-0.1
Q6522	
E	0
C	0
B	-0.1
Q6523	
E	0
C	-0.1
B	0
Q6531	
E	0
C	2.8
B	0
Q6532	
E	0
C	0
B	0.6
Q6533	
E	0
C	0
B	0.6
Q6534	
E	0.7
C	0.6
B	0.1
Q6535	
E	0
C	0
B	-0.2
Q6536	
E	0
C	0
B	-0.2
Q6642	
E	4.5
C	0
B	4.9
Q6643	
E	0
C	4.2
B	0

<TEMP. SENSOR PWB>
[P.2-59]

MODE PIN NO.	DC (V)
IC8101	
1	5.0
2	5.0
3	0
4	0
5	0
6	0
7	0
8	5.0

<DISPLAY LED PWB>
[P.2-60]

MODE PIN NO.	DC (V)
IC1741	
1	0
2	0
3	4.4
4	5.1
IC1742	
1	4.9
2	5.0
3	0
Q1741	
E	1.9
C	1.9
B	4.9
Q1742	
E	0
C	5.0
B	0

<DISPLAY SUB POWER>
[P2-65,66]

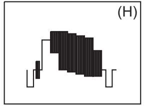
MODE PIN NO.	DC (V)
IC9001	
1	364.3
3	-0.1
4	0
5	-0.1
6	-0.1
7	-0.1
IC9051	
1	2.3
2	0
3	9.4

WAVEFORMS

[RECEIVER UNIT]

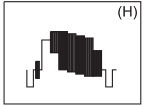
RECEIVER PWB
(SHEET1)

TU3001-24



0.9 Vp-p

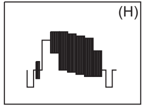
TU3101-16



0.9 Vp-p

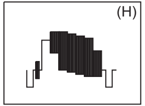
ANALOG SIGNAL PWB (1/5)
(SHEET2)

IC501-41



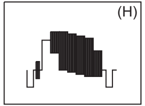
2.0 Vp-p

IC501-44



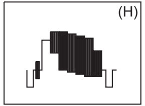
2.0 Vp-p

IC501-49



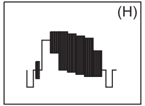
2.0 Vp-p

IC501-53



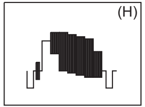
2.0 Vp-p

IC501-56



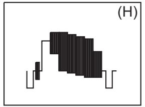
2.0 Vp-p

IC501-60



0.9 Vp-p

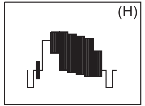
IC501-63



0.9 Vp-p

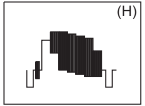
ANALOG SIGNAL PWB (2/5)
(SHEET3)

IC801-1



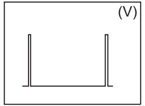
0.9 Vp-p

IC801-3



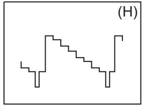
2.0 Vp-p

IC801-4



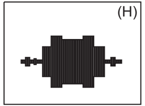
4.8 Vp-p

IC801-5



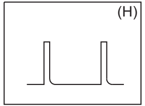
0.8 Vp-p

IC801-7



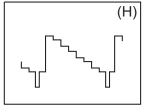
0.5 Vp-p

IC801-9



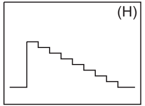
4.2 Vp-p

IC801-11



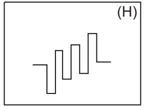
0.8 Vp-p

IC801-21



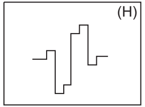
0.6 Vp-p

IC801-22



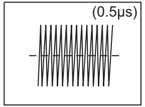
0.5 Vp-p

IC801-23



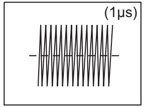
0.5 Vp-p

IC801-38



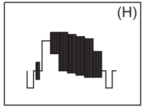
0.3 Vp-p

IC801-46



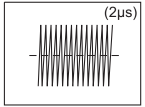
0.8 Vp-p

IC802-7



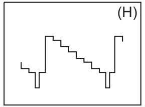
0.9 Vp-p

IC802-19



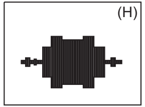
0.5 Vp-p

IC802-25



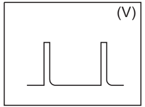
1.6 Vp-p

IC802-27



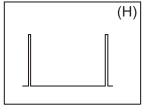
0.8 Vp-p

CN002-5



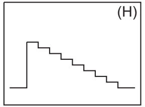
3.0 Vp-p

CN002-6



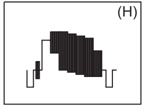
3.2 Vp-p

CN002-8



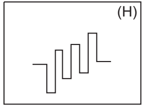
0.7 Vp-p

CN002-10



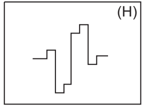
2.0 Vp-p

CN002-20



0.6 Vp-p

CN002-22



0.6 Vp-p

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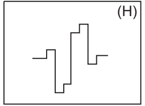
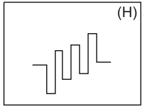


0.9 Vp-p

CN002-28



0.9 Vp-p

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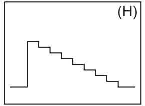
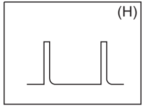


1.2 Vp-p

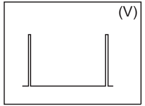
ANALOG SIGNAL PWB (3/5)
(SHEET4)

IC201-1



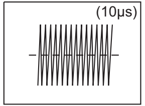
4.5 Vp-p

IC201-2



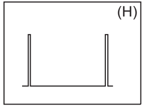
5.0 Vp-p

IC201-9



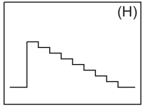
0.2 Vp-p

IC201-19



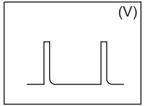
3.2 Vp-p

IC201-26



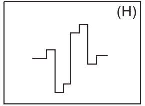
0.4 Vp-p

IC201-29



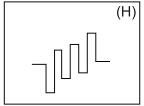
3.0 Vp-p

IC301-35



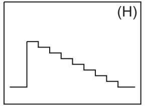
0.9 Vp-p

IC301-36



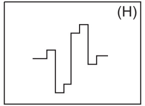
0.9 Vp-p

IC301-38



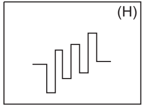
1.2 Vp-p

IC301-43



0.6 Vp-p

IC301-44



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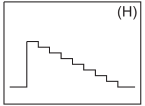
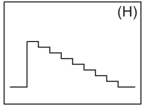


0.7 Vp-p

IC301-74



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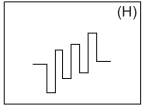
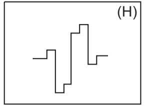
IC301-75



0.5 Vp-p

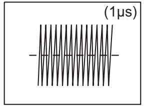
IC301-76



0.5 Vp-p

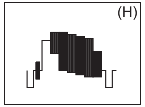
DIGITAL SIGNAL PWB (1/11)
(SHEET8)

IC1531-13



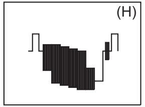
3.4 Vp-p

IC1531-22



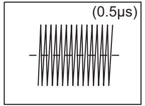
0.3 Vp-p

IC1531-23



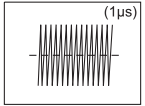
0.3 Vp-p

IC1531-28



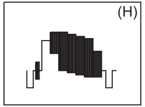
4.5 Vp-p

IC1531-30



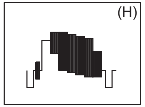
1.5 Vp-p

IC1531-79



0.8 Vp-p

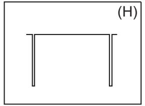
IC1532-1



2.6 Vp-p

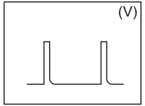
DIGITAL SIGNAL PWB (8/11)
(SHEET15)

IC6101-4



3.2 Vp-p

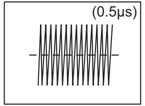
IC6101-5



3.0 Vp-p

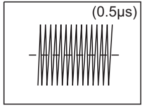
DIGITAL SIGNAL PWB (10/11)
(SHEET17)

IC7001-23



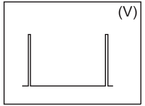
2.2 Vp-p

IC7001-24



4.2 Vp-p

IC7001-78

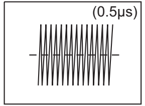


3.2 Vp-p

[DISPLAY UNIT]

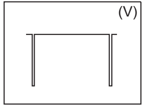
DISPLAY INTERFACE PWB (1/3)
(SHEET23)

IC807-10



1.2 Vp-p

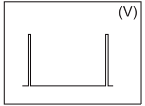
IC807-53



4.8 Vp-p

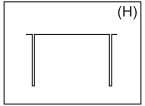
DISPLAY INTERFACE PWB (2/3)
(SHEET24)

IC501-47



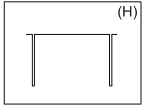
3.2 Vp-p

IC501-48



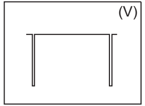
3.2 Vp-p

IC601-27



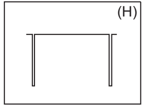
3.2 Vp-p

IC601-28



3.2 Vp-p

IC602-27



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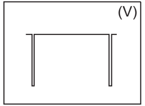

3.2 Vp-p

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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PACKING PARTS LIST 39

[DISPLAY UNIT : VM-Z50DX4, VM-Z50DX4/S]

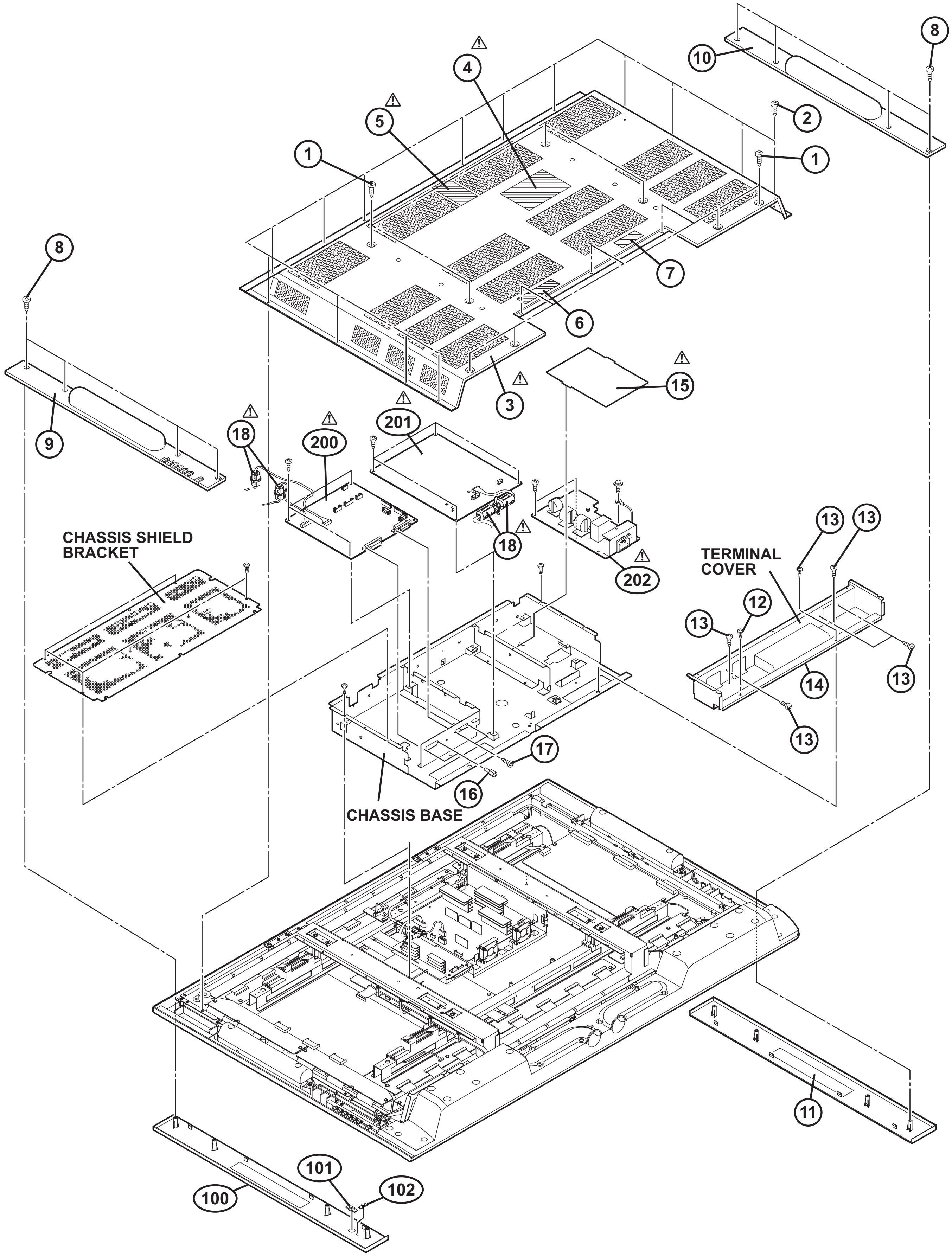
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	VM-Z50DX4	VM-Z50DX4/S
AUDIO P.W.B	LCA90441-03B (SFP-6009A)	←
DISPLAY INTERFACE P.W.B	LCA10360-09E (SFP-7307A)	LCA10360-10E (SFP-7308A)
TEMP.SENSOR P.W.B	LCA90146-06B (SFP-8381A)	←
LINE FILTER P.W.B	LCA90143-13B (SFP-9308A)	LCA90143-14B (SFP-9309A)
SUB POWER P.W.B	LCA10353-03D (SFP-9312A)	LCA10353-04D (SFP-9313A)
DISPLAY LED P.W.B	LCA90175-05B (SFP-0L269A)	←
DISPLAY SWITCH P.W.B	LCA90148-07C (SFP-0L367A)	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST -1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC42065-001A	SCREW	(x11)	
	2	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x22)	
⚠	3	LC11721-004A	REAR COVER		
⚠	4	LC21782-001A-0L	RATING LABEL		VM-Z50DX4
⚠	4	LC21782-002A-0L	RATING LABEL		VM-Z50DX4/S
⚠	5	LC41693-001A	CAUTION LABEL		
	6	LC41610-002A	TERMINAL LABEL		
	7	LC41694-001A	INLET LABEL		
	8	QYSBSFG4012MA	TAP SCREW	M4 x 12mm(x8)	
	9	LC11722-001A	BACK COVER(R)		
	10	LC11722-002A	BACK COVER(L)		
	11	LC11717-002D	SPEAKER HOLDER(L)		
	12	LC42065-001A	SCREW	(x2)	
	13	LC42067-001A	SCREW	(x5)	
	14	LC11675-001C	TERMINAL COVER		
⚠	15	LC32472-001A	LINE FILTER INSULATOR		
	16	QNB0036-001	HEX SCREW	(x2)	
	17	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
⚠	18	QQR0491-001	FERRITE CORE	(x4)	
	100	LC32509-005A	SPEAKER HOLDER ASSY(R)	Inc.No.101/102	
	101	LC41631-001B	EE LENS		
	102	LC32408-001D	LED LENS		
⚠	200	LCA10360-09E	DISPLAY INTERFACE PWB		VM-Z50DX4
⚠	200	LCA10360-10E	DISPLAY INTERFACE PWB		VM-Z50DX4/S
⚠	201	LCA90441-03B	AUDIO PWB		
⚠	202	LCA90143-13B	LINE FILTER PWB		VM-Z50DX4

EXPLODED VIEW -1


⚠
4
10
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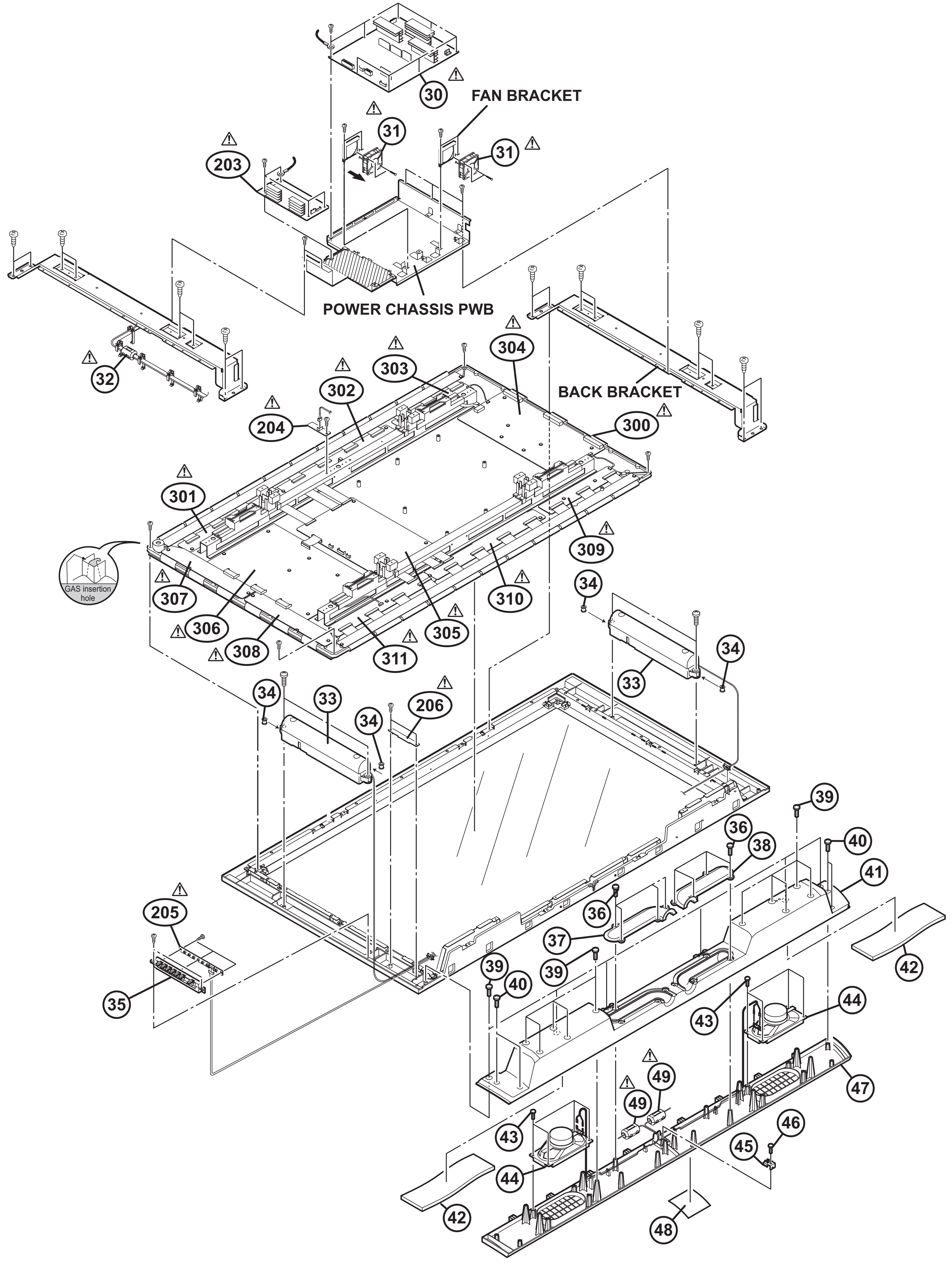
15
3
⚠
9
⚠
⚠
18
200
201
⚠
18
⚠
CHASSIS SHIELD BRACKET
202
⚠
13
13
TERMINAL COVER
12
13
14
13
13
17
16
CHASSIS BASE
11
101
102
100

EXPLODED VIEW PARTS LIST -2

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	30	QAL0557-004	MAIN POWER UNIT		
⚠	31	QAR0315-001	COOLING FAN	(x2)	
⚠	32	QQR0491-001	FERRITE CORE		
	33	LC41683-002A	DD SPEAKER ASSY	(x2)	
	34	LC40226-003A-H	SPACER	(x4)	
	35	LC21378-001C	CONTROL KNOB		
	36	QYSBSFG4035MA	TAP SCREW	M4 x 35mm(x8)	
	37	LC21377-002B	DUCT COVER(R)		
	38	LC21377-001B	DUCT COVER(L)		
	39	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x16)	
	40	QYSBSFG4012MA	TAP SCREW	M4 x 12mm(x4)	
	41	LC11724-001B	WOOFER BACK COVER		
	42	LC32515-001A	DOME ABSORBER	(x2)	
	43	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x8)	
	44	QAS0154-001	SPEAKER	(x2)	
	45	LC32525-001A	WIRE BRACKET		
	46	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm	
	47	LC11749-001C	WOOFER SPEAKER HOLDER ASSY		
	48	LC32433-001B	BRAND PLATE		
⚠	49	QQR0675-001	CORE FILTER	(x2)	
⚠	203	LCA10353-03D	SUB POWER PWB		VM-Z50DX4
⚠	203	LCA10353-04D	SUB POWER PWB		VM-Z50DX4/S
⚠	204	LCA90146-06B	TEMP.SENSOR PWB		
⚠	205	LCA90148-07C	DISPLAY SWITCH PWB		
⚠	206	LCA90175-05B	DISPLAY LED PWB		
⚠	300	QLE0036-001	PDP UNIT	Inc.No.301-311	
⚠	301	LG-6871QLH035C	X LEFT TOP PWB		
⚠	302	LG-6871QXH024C	X CENTER TOP PWB		
⚠	303	LG-6871QRH041C	X RIGHT TOP PWB		
⚠	304	LG-6871QZH043B	Z SUS PWB		
⚠	305	LG-6871QCH044A	LVDS CONTROL PWB		
⚠	306	LG-6871QYH038B	Y SUS PWB		
⚠	307	LG-6871QDH080A	Y DRIVER UPPER PWB		
⚠	308	LG-6871QDH081A	Y DRIVER LOWER PWB		
⚠	309	LG-6871QRH042C	X RIGHT BOTTOM PWB		
⚠	310	LG-6871QXH025C	X CENTER BOTTOM PWB		
⚠	311	LG-6871QLH036C	X LEFT BOTTOM PWB		

EXPLODED VIEW -2


30
FAN BRACKET
31
31
203
POWER CHASSIS PWB
32
304
303
302
BACK BRACKET
204
300
301
309
GAS insertion hole
307
306
305
310
308
311
34
34
33
34
33
34
206
39
36
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41
205
36
37
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39
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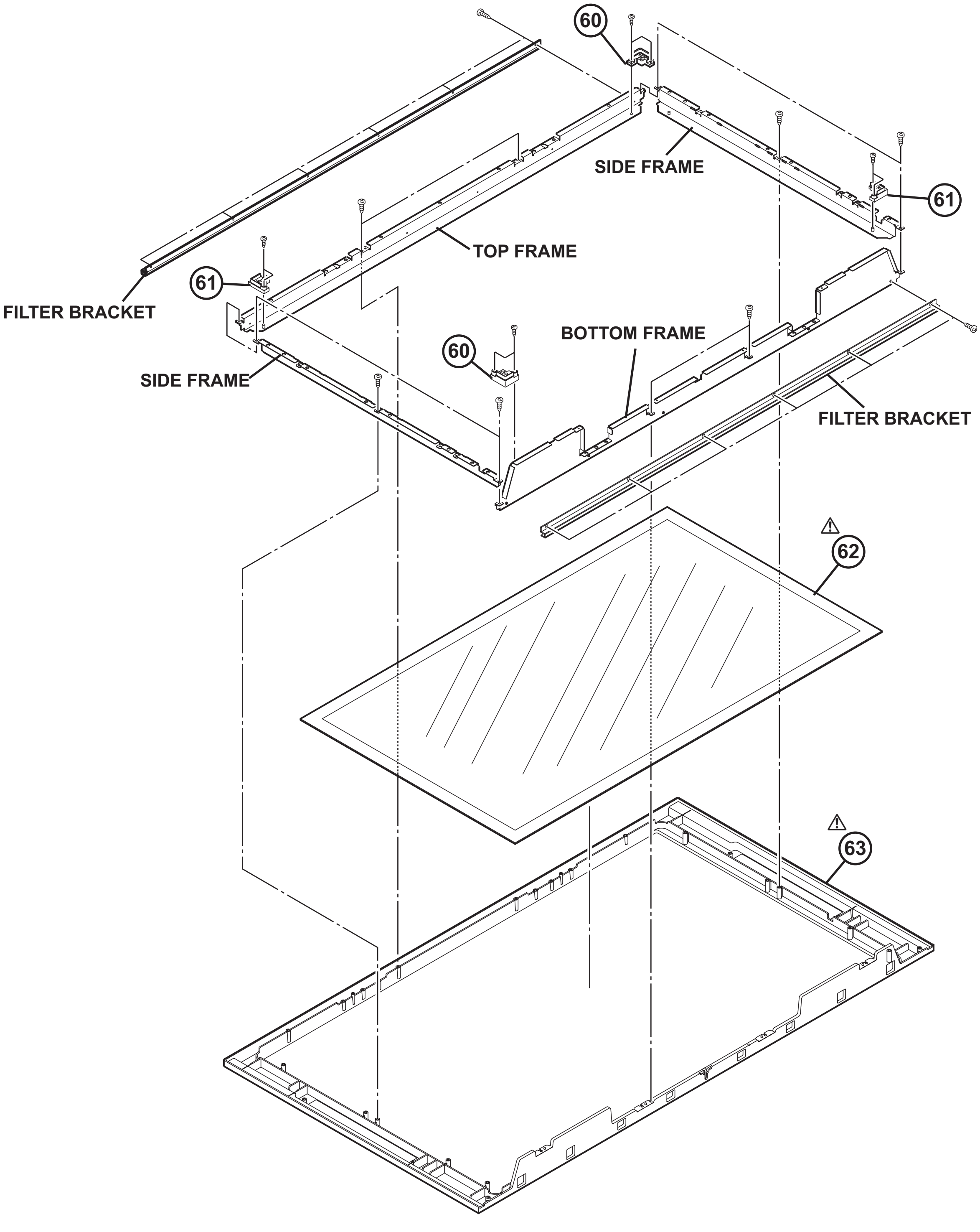
EXPLODED VIEW PARTS LIST -3

⚠	Ref.No.	Part No.	Part Name	Description	Local
	60	LC32466-001A	SPACER	(x2)	
	61	LC32466-002A	SPACER	(x2)	
⚠	62	LC32467-001B	FRONT FILTER		VM-Z50DX4
⚠	62	LC32655-001A	FRONT FILTER		VM-Z50DX4/S
⚠	63	LC11712-004A	FRONT PANEL		

EXPLODED VIEW -3


60
SIDE FRAME
61
TOP FRAME
61
FILTER BRACKET
BOTTOM FRAME
60
SIDE FRAME
FILTER BRACKET
⚠
62
⚠
63

PRINTED WIRING BOARD PARTS LIST [VM-Z50DX4]

AUDIO PW BOARD ASS'Y
(LCA90441-03B) (SFP-6009A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6501	RC4558D-X	IC		
IC6521	NJW1164M-W	IC		
IC6551	RC4558D-X	IC		
IC6552	RC4558D-X	IC		
IC6571	RC4558D-X	IC		
IC6572	RC4558D-X	IC		
IC6621	TA8270HA	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6535	2SC3928A/QR/-X	TRANSISTOR		
Q6536	2SC3928A/QR/-X	TRANSISTOR		
Q6642	2SA1530A/QR/-X	TRANSISTOR		
Q6643	2SC3928A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6505	MA111-X	SI DIODE		
D6506	MA111-X	SI DIODE		
D6551	MA8062/M/-X	Z DIODE		
D6621	MA8330/M/-X	Z DIODE		
D6622	MA8330/M/-X	Z DIODE		
D6623	MA8330/M/-X	Z DIODE		
D6624	MA8330/M/-X	Z DIODE		
D6625	MA8330/M/-X	Z DIODE		
D6626	MA8330/M/-X	Z DIODE		
D6627	MA8330/M/-X	Z DIODE		
D6628	MA8330/M/-X	Z DIODE		
D6629	D1FS4-X	SB DIODE		
D6630	D1FS4-X	SB DIODE		
D6631	D1FS4-X	SB DIODE		
D6632	D1FS4-X	SB DIODE		
D6641	MA111-X	SI DIODE		
D6642	MA111-X	SI DIODE		
D6643	MA111-X	SI DIODE		
C6501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6506	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6507	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6558	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6559	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6565	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6566	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6569	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6570	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6571	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6572	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6573	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6574	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6575	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6576	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6577	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6578	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6581	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6582	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6583	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6584	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6587	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6588	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6603	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6604	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6621	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6622	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6623	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6624	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6625	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6626	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C6627	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C6628	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6629	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6630	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6631	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6632	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6633	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6634	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6635	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6636	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6642	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6643	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6651	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6681	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6682	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6683	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6684	QETM1CM-478	E CAPACITOR	4700uF 16V M	
R6501	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6507	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6544	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6545	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6546	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6547	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6552	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6557	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6558	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6559	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6560	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6562	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6565	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R6571	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6572	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6573	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6574	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6575	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6576	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6581	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6583	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6584	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6585	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6586	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6587	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6588	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6591	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6601	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6603	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6604	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6607	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6608	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6610	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6611	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6612	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6613	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6614	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6615	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6616	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R6621	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6622	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6623	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6624	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6625	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6626	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6627	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6628	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R6643	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6645	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6646	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6648	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6649	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6653	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6671	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6672	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6673	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6674	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
⚠R6681	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6682	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6683	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6684	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
R6689	QRL039J-221	OMF RESISTOR	220Ω 3W J	
R6690	QRL039J-221	OMF RESISTOR	220Ω 3W J	
CN600A	QJK016-032003	SIN CR C-B WIRE		
CN600B	WJK0050-010A	E-SI C WIRE C-B		
CN600D	QJK016-080703	SIN CR C-B WIRE		
TH6671	QAD0125-471	P THERMISTOR	470Ω 16V	

DISPLAY INTERFACE PW BOARD ASS’Y (LCA10360-09E) (SFP-7307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC401	PQ20WZ11-X	IC		
IC501	SII169CT100	IC		
IC502	S-80828CLNB-G-W	IC		
IC601	THC63LVDM83R-W	IC		
IC602	THC63LVDM83R-W	IC		
IC801	BA33BC0FP-X	IC		
IC802	BA50BC0FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-Z50DX4	IC	(SERVICE)	
IC807	HD64F3687B04H	IC(MCU)		
IC808	TC74VHCT541AFTX	IC		
IC809	S-80840CLNB-G-W	IC		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q501	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C109	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C112	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C113	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEHL1CM-476X	E CAPACITOR	47uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C402	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C405	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C624	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C625	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R519	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R617	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R633	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R636	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R637	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R820	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R860	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R901	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R926	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R928	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R943	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R979	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA607	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA608	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA610	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA611	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA612	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA613	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA614	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA615	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA616	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA617	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA618	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
L101	NQL63EM-680X	COIL	68uH M	
L501	NQR0351-001X	FERRITE BEADS		
L601	NQR0351-001X	FERRITE BEADS		
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
LC814	NQR0416-003X	EMI FILTER	76pF 16V M	
LC815	NQR0416-003X	EMI FILTER	76pF 16V M	
LC816	NQR0416-003X	EMI FILTER	76pF 16V M	
LC819	NQR0416-003X	EMI FILTER	76pF 16V M	
LC820	NQR0416-003X	EMI FILTER	76pF 16V M	
LC821	NQR0416-003X	EMI FILTER	76pF 16V M	
X801	QAX0534-001	C RESONATOR	16.000MHz	

TEMP.SENSOR PW BOARD ASS’Y (LCA90146-06B) (SFP-8381A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

LINE FILTER PW BOARD ASS’Y (LCA90143-13B) (SFP-9308A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9913	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-009A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0103-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER PW BOARD ASS’Y (LCA10353-03D) (SFP-9312A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-04TS-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-04TS-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	FMX-22S	SI DIODE		
D9052	RU3YX-LFC4	SI DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9007	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9052	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRM059J-R56	MP RESISTOR	0.56Ω 5W J	
R9004	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9005	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL03EJ-181X	OMF RESISTOR	180Ω 3W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-8201Y	CMF RESISTOR	8.2kΩ 1/4W F	
R9057	QRA14CF-2001Y	CMF RESISTOR	2kΩ 1/4W F	
R9058	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
⚠T9001	QQS0247-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PC123Y22FZ	PHOTO COUPLER		

DISPLAY LED PW BOARD ASS’Y (LCA90175-05B) (SFP-0L269A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1642	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1641	2SC3928A/QR/-X	TRANSISTOR		
Q1642	2SC3928A/QR/-X	TRANSISTOR		
D1643	SEL2E10W	LED	POWER	
C1642	QER61CM-476Z	E CAPACITOR	47uF 16V M	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1643	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1644	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1648	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1654	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

DISPLAY SWITCH PW BOARD ASS’Y (LCA90148-07C) (SFP-0L367A)

⚠Ref No.	Part No.	Part Name	Description	Local
R2701	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2702	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2703	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2704	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
S2701	QSW0619-003Z	TACT SWITCH	VOL+	
S2702	QSW0619-003Z	TACT SWITCH	CH-	
S2703	QSW0619-003Z	TACT SWITCH	MENU/OK	
S2704	QSW0619-003Z	TACT SWITCH	TV/VIDEO	
S2705	QSW0619-003Z	TACT SWITCH	CH+	
S2706	QSW0619-003Z	TACT SWITCH	VOL-	
S2707	QSW0619-003Z	TACT SWITCH	POWER	

PRINTED WIRING BOARD PARTS LIST [VM-Z50DX4/S]

AUDIO PW BOARD ASS'Y
(LCA90441-03B) (SFP-6009A)

REFER TO PARTS LIST IN PAGE PAGE 3-8 FOR THIS P.W. BOARD.

DISPLAY INTERFACE PW BOARD ASS'Y
(LCA10360-10E)(SFP-7308A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC401	PQ20WZ11-X	IC		
IC501	SII169CT100	IC		
IC502	S-80828CLNB-G-W	IC		
IC601	THC63LVDM83R-W	IC		
IC602	THC63LVDM83R-W	IC		
IC801	BA33BC0FP-X	IC		
IC802	BA50BC0FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-Z50DX4	IC	(SERVICE)	
IC807	HD64F3687B04H	IC(MCU)		
IC808	TC74VHCT541AFTX	IC		
IC809	S-80840CLNB-G-W	IC		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q501	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C109	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C112	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C113	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C402	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C405	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C624	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C625	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R519	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R617	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R633	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R636	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R637	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R820	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R860	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R901	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R926	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R928	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R943	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R979	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA607	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA608	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA610	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA611	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA612	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA613	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA614	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA615	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA616	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA617	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA618	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
L101	NQL63EM-680X	COIL	68uH M	
L501	NQR0351-001X	FERRITE BEADS		
L601	NQR0351-001X	FERRITE BEADS		
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
LC814	NQR0416-003X	EMI FILTER	76pF 16V M	
LC815	NQR0416-003X	EMI FILTER	76pF 16V M	
LC816	NQR0416-003X	EMI FILTER	76pF 16V M	
LC819	NQR0416-003X	EMI FILTER	76pF 16V M	
LC820	NQR0416-003X	EMI FILTER	76pF 16V M	
LC821	NQR0416-003X	EMI FILTER	76pF 16V M	
X801	QAX0534-001	C RESONATOR	16.000MHz	

TEMP.SENSOR PW BOARD ASS’Y (LCA90146-06B) (SFP-8381A)

REFER TO PARTS LIST IN PAGE PAGE 3-11 FOR THIS P.W. BOARD.

LINE FILTER PW BOARD ASS’Y (LCA90143-14B)(SFP-9309A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9913	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-009A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0099-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER PW BOARD ASS’Y (LCA10353-04D)(SFP-9313A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-04TS-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-04TS-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	FMX-22S	SI DIODE		
D9052	RU3YX-LFC4	SI DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9007	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9052	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRM059J-R56	MP RESISTOR	0.56Ω 5W J	
R9004	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9005	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL03EJ-181X	OMF RESISTOR	180Ω 3W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-8201Y	CMF RESISTOR	8.2kΩ 1/4W F	
R9057	QRA14CF-2001Y	CMF RESISTOR	2kΩ 1/4W F	
R9058	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
⚠T9001	QQS0247-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PC123Y22FZ	PHOTO COUPLER		

DISPLAY LED PW BOARD ASS’Y (LCA90175-05B) (SFP-0L269A)

REFER TO PARTS LIST IN PAGE PAGE 3-12 FOR THIS P.W. BOARD.

DISPLAY SWITCH PW BOARD ASS’Y (LCA90148-07C) (SFP-0L367A)

REFER TO PARTS LIST IN PAGE PAGE 3-12 FOR THIS P.W. BOARD.

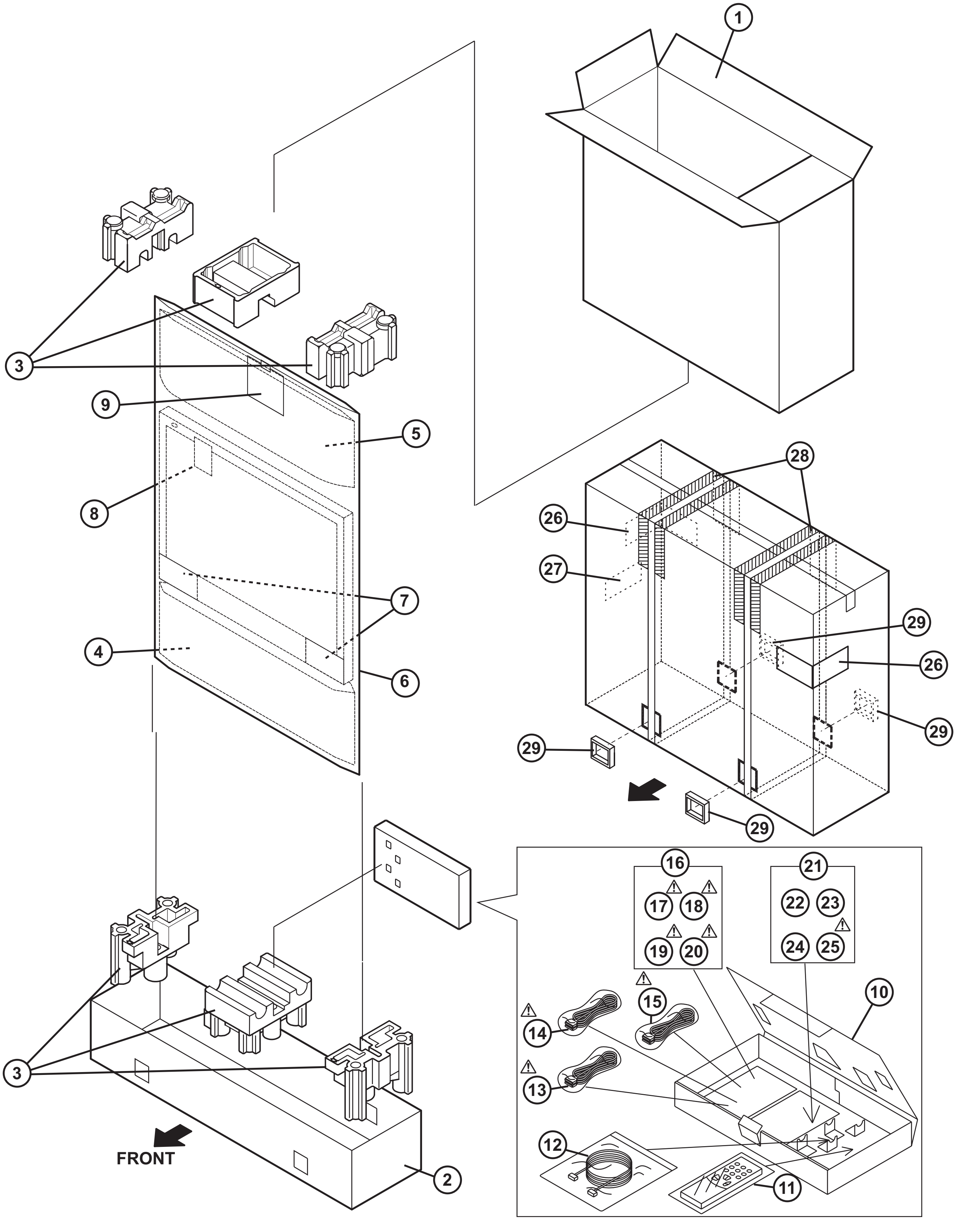
REMOTE CONTROL UNIT PARTS LIST [RM-C1830-1C]

⚠	Ref No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21464-004A	PACKING CASE(TOP)		
	2	LC21463-001B	PACKING CASE(BOTTOM)		
	3	LC11751-001B	CUSHION	6pcs in 1set	
	4	LC41035-004A	POLY BAG		
	5	LC41035-006A	POLY BAG		
	6	LC30236-006B	POLY BAG		
	7	LC32526-001A	PROTECT SHEET	(x2)	
	8	LCT1544-001B	CAUTION SHEET		
	9	LCT1554-001A	CAUTION SHEET		
	10	LC21264-001A	ACCESSORY BOX		
	11	RM-C1830-1C	REMOCON UNIT	Inc.POLY BAG	
	12	QAM0585-001	SYSTEM CABLE	3m	
⚠	13	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	VM-Z50DX4
⚠	14	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
⚠	15	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	VM-Z50DX4
⚠	15	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	VM-Z50DX4/S
	16	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	17	LCT1667-001A	CAUTION BOOK	English/French/Russian/Arabic/Chinese/Persian	
⚠	18	LCT1781-001A	INST BOOK	English	
⚠	19	LCT1782-001A	INST BOOK	French/Russian/Arabic/Chinese/Persian	
⚠	20	LCT1814-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	VM-Z50DX4
⚠	20	LCT1815-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	VM-Z50DX4/S
	21	QPA01203005	POLY BAG	12cm x 30cm	
	22	LC41320-001A	NYRON CLAMP	(x2) HOOK	
	23	------------	BATTERY	R6P/AA(x2)	
	24	QYSPSPD5016MA	SCREW	M5 x 16mm(x2)	
⚠	25	QQR1454-001	CORE FILTER	(x4)	VM-Z50DX4
⚠	25	QQR0491-001	CORE FILTER	(x2)	VM-Z50DX4/S
	26	LC20989-001A-H	CORNER LABEL	(x3)	
	27	LC42125-001A	SASO LABEL		VM-Z50DX4/S
	28	LC32610-001A	SUPPORT CORNER	(x2)	
	29	CP30903-001	JOINT	(x4)	

PACKING


FRONT

[RECEIVER UNIT : TU-Z50DX4, TU-Z50DX4/S]

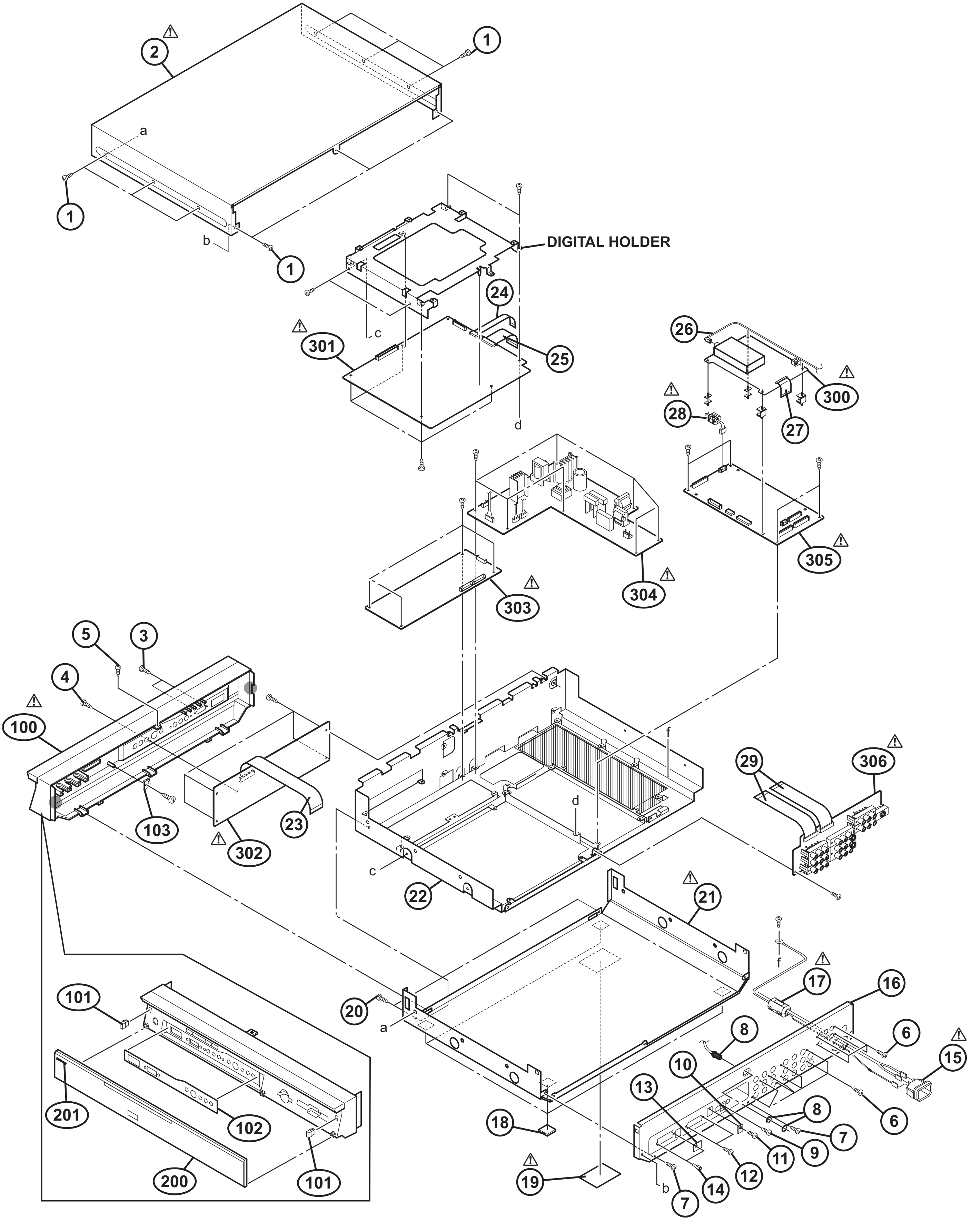
USING P.W. BOARD

P.W.B ASS'Y name	TU-Z50DX4	TU-Z50DX4/S
FRONT CONTROL P.W.B	LCA10466-04B (SFP-8302A)	←
REGULATOR P.W.B	LCA10426-13C (SFP-9306A)	LCA10426-14C (SFP-9317A)
SYSTEM POWER P.W.B	LCA10443-03A (SFP-9316A)	←
ANALOG SIGNAL P.W.B	LCA10423-12C (SFP-0A302A)	←
DIGITAL SIGNAL P.W.B	LCA10428-41H (SFP-0D307A)	LCA10428-42H (SFP-0D308A)
RECEIVER P.W.B	LCA10476-03E (SFP-0F303A)	←
REAR JACK P.W.B	LCA10444-03B (SFP-0J302A)	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x9)	
⚠	2	LC11748-001C	TOP COVER		
	3	QNB0036-001	HEX SCREW	(x2)	
	4	QYSBSF3010NA	TAP SCREW	M3 x 10mm	
	5	QYSDSG3008NA	TAP SCREW	M3 x 8mm	
	6	QYSBSF3010MA	TAP SCREW	M3 x 10mm(x12)	
	7	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x2)	
	8	CE42112-002	ANTENNA CONNECTOR	Inc.WASHER/NUT	
	9	QYSDSP3006NA	SCREW	M3 x 6mm	
	10	LC41897-001A	SERVICE COVER		
	11	QYSDSG3008NA	TAP SCREW	M3 x 8mm	
	12	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
	13	LC42135-001A	SERVICE COVER		
	14	QNB0036-001	HEX SCREW	(x2)	
⚠	15	QMCB004-001	AC INLET		
	16	LC21578-003A	BACK COVER		
⚠	17	QQR0491-001	FERRITE CORE		
	18	LC41284-002A	FOOT	(x4)	
⚠	19	LC21782-001A-0L	RATING LABEL		TU-Z50DX4
⚠	19	LC21782-002A-0L	RATING LABEL		TU-Z50DX4/S
	20	LC42063-001A	SCREW	(x2)	
⚠	21	LC11747-001B	BOTTOM CASE		
	22	LC11746-001B	CHASSIS BASE		
	23	QUQ105-5013AE	FFC WIRE	50pin 13cm	
	24	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	25	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	26	WJX0016-002A	E-COAXIAL ASSY		
	27	QUQ105-4004AA	FFC WIRE	40pin 4cm	
⚠	28	QQR0942-001	CORE FILTER		
	29	QUQ105-5007AE	FFC WIRE	50pin 7cm(x2)	
⚠	100	LC11719-006A	FRONT PANEL ASSY	Inc.No.101/102/103	
	101	QZW0063-001	MAGNET LATCH	(x2)	
	102	LC32512-003A	CONTROL PLATE		
	103	QZW0055-004	DAMPER		
	200	LC21443-007A	DOOR ASSY	Inc.No.201	
	201	PQ45130-6	JVC MARK		
⚠	300	LCA10476-03E	RECEIVER PWB		
⚠	301	LCA10428-41H	DIGITAL SIGNAL PWB		TU-Z50DX4
⚠	301	LCA10428-42H	DIGITAL SIGNAL PWB		TU-Z50DX4/S
⚠	302	LCA10466-04B	FRONT CONTROL PWB		
⚠	303	LCA10426-13C	REGULATOR PWB		TU-Z50DX4
⚠	303	LCA10426-14C	REGULATOR PWB		TU-Z50DX4/S
⚠	304	LCA10443-03A	SYSTEM POWER PWB		
⚠	305	LCA10423-12C	ANALOG SIGNAL PWB		
⚠	306	LCA10444-03B	REAR JACK PWB		

EXPLODED VIEW



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PRINTED WIRING BOARD PARTS LIST [TU-Z50DX4]

FRONT CONTROL PW BOARD ASS'Y (LCA10466-04B) (SFP-8302A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	NJM2777M-X	IC		
Q1201	UN2212-X	DIGI TRANSISTOR		
Q1205	UN2110-X	DIGI TRANSISTOR		
D1001	MA8039/H/-X	Z DIODE		
D1101	MA8100/M/-X	Z DIODE		
D1102	MA8100/M/-X	Z DIODE		
D1103	MA8100/M/-X	Z DIODE		
D1104	MA8100/M/-X	Z DIODE		
D1105	MA8100/M/-X	Z DIODE		
D1201	SMLU12E16W-P	LED	POWER	
D1401	MA8100/M/-X	Z DIODE		
D1402	MA8100/M/-X	Z DIODE		
D1403	MA8100/M/-X	Z DIODE		
D1404	MA8100/M/-X	Z DIODE		
D1405	MA8100/M/-X	Z DIODE		
D1406	MA8100/M/-X	Z DIODE		
D1501	MA111-X	SI DIODE		
D1502	MA111-X	SI DIODE		
C1001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1004	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1005	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1006	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1007	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1008	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1010	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1011	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1012	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1101	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1103	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1104	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1105	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1106	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C1107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	QRL036J-330	OMF RESISTOR	33Ω 3W J	
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1205	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1412	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1413	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1416	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1502	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1503	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1504	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
CN800F	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
J1001	QNS0051-001	3.5 JACK	HEADPHONE	
J1101	QNZ0438-001	AV JACK	VIDEO-4 IN	
J1401	QNZ0061-001	D CONNECTOR	PC IN	
S1201	QSW0619-003Z	TACT SWITCH	POWER	
S1501	QSW0619-003Z	TACT SWITCH	TV	
S1502	QSW0619-003Z	TACT SWITCH	CH-	
S1503	QSW0619-003Z	TACT SWITCH	CH+	
S1504	QSW0619-003Z	TACT SWITCH	VIDEO	
S1505	QSW0619-003Z	TACT SWITCH	PC/HDMI	

REGULATOR PW BOARD ASS'Y (LCA10426-13C) (SFP-9306A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1580HS-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

SYSTEM POWER PW BOARD ASS'Y (LCA10443-03A) (SFP-9316A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
Q9001	2SC3928A/QR/-X	TRANSISTOR		
Q9002	2SC3928A/QR/-X	TRANSISTOR		
Q9003	2SC3928A/QR/-X	TRANSISTOR		
Q9004	2SA1530A/QR/-X	TRANSISTOR		
⚠D9001	RGP10J-5025-T3	SI DIODE		
D9002	RD33E/B1/-T2	Z DIODE		
D9003	MA111-X	SI DIODE		
⚠D9004	D2SBA60	BRIDGE DIODE		
D9007	RGP10J-5025-T3	SI DIODE		
D9008	D1FL20U-X	SI DIODE		
D9010	SARS01-T2	SI DIODE		
D9011	SARS01-T2	SI DIODE		
D9012	MA111-X	SI DIODE		
D9013	MA111-X	SI DIODE		
D9014	RGP10J-5025-T3	SI DIODE		
D9015	FMX-22S	SI DIODE		
D9016	RGP10J-5025-T3	SI DIODE		
D9017	UTCTL431-T	IC		
D9018	RD33E/B1/-T2	Z DIODE		
D9019	MA111-X	SI DIODE		
D9021	MA8024-X	Z DIODE		
D9211	S1WB/A/60-X	BRIDGE DIODE		
D9212	MA8091/L/-X	Z DIODE		
⚠C9001	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
⚠C9003	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9005	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9006	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
C9007	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9008	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C9011	QCZ0354-821Z	C CAPACITOR	820pF 2kV K	
C9012	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
C9014	QEZ0199-127	E CAPACITOR	120uF 400V M	
C9016	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9018	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C9019	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
⚠C9021	QCZ9071-222	C CAPACITOR	2200pF AC400V M	
C9024	QEHR2AM-226Z	E CAPACITOR	22uF 100V M	
C9028	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9029	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9030	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9031	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9033	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9034	QEHR1EM-477Z	E CAPACITOR	470uF 25V M	
C9035	QEHR1EM-107Z	E CAPACITOR	100uF 25V M	
C9036	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9037	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
C9210	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
⚠R9001	QRK129J-105	UNF C RESISTOR	1MΩ 1/2W J	
R9003	QRT01EJ-R82X	MF RESISTOR	0.82Ω 1W J	
R9004	QRK126J-221X	UNF C RESISTOR	220Ω 1/2W J	
R9005	QRL01EJ-473X	OMF RESISTOR	47kΩ 1W J	
R9008	QRF074K-3R3	UNF WW RESISTOR	3.3Ω 7W K	
R9010	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R9011	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9012	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9013	QRZ9017-220	FUSI RESISTOR	22Ω 1/4W J	
R9014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠R9016	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K	
R9017	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9018	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9019	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9023	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9024	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9025	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9027	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9028	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9031	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9032	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9033	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9035	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9037	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R9038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9202	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
R9203	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
R9206	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9209	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
L9001	QQLZ026-260	COIL	26uH ± 7%	
L9002	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0254-001	SW TRANSF		
CN00B	QJK028-100600	SIN CR C-B WIRE		
CN00G	QJK037-070602	SIN CR C-B WIRE		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9002	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9005	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠F9001	QMF51D2-2R5-J1	FUSE	2.5A AC250V	
K9008	QQR1139-001	FERRITE BEADS		
⚠LF9001	QQR1084-002	LINE FILTER		
⚠LF9002	QQR1084-002	LINE FILTER		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9201	PS2581AL1/QW/	PHOTO COUPLER		
⚠RY9001	QSK0119-001	RELAY		
⚠VA9001	QAF0060-621	VARISTOR	620V	

ANALOG SIGNAL PW BOARD ASS'Y (LCA10423-12C) (SFP-0A302A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC503	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC611	BA4558F-X	IC		
IC612	RC4558D-X	IC		
IC711	CXA1875AM-X	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC902	TA48M033F-X	IC		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
Q902	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB603	MA111-X	SI DIODE		
DB604	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
DB606	MA111-X	SI DIODE		
DB607	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C303	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C304	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C305	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C521	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C603	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C604	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C605	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C606	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C607	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C608	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C711	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C915	NEHL1CM-107X	E CAPACITOR	100uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R213	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R332	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R612	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R617	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R618	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R619	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R620	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R661	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R669	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R670	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R720	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB304	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	P COIL	6.8uH K	
L852	NQL092K-6R8X	P COIL	6.8uH K	
L853	NQL092K-6R8X	P COIL	6.8uH K	
L854	NQL092M-270X	P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L903	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

DIGITAL SIGNAL PW BOARD ASS’Y (LCA10428-41H) (SFP-0D307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z50DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z50DX4-1	IC	(SERVICE)	
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z50DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z50DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	RB501V-40-X	SB DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1052	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0204	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0304	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6101	NQR0413-003X	FERRITE BEADS		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0DVI	QNZ0580-001	D CONNECTOR	DISPLAY OUT	
CN0MDR	QNZ0576-002	D CONNECTOR	DISPLAY OUT	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6101	NQR0413-003X	FERRITE BEADS		
K6102	NQR0413-003X	FERRITE BEADS		
K6103	NQR0413-003X	FERRITE BEADS		
K6104	NQR0413-003X	FERRITE BEADS		
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER PW BOARD ASS’Y (LCA10476-03E) (SFP-0F303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	M62320FP-X	IC		
IC3501	MSP3415GQGB8V3M	IC		
IC3502	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3601	AN5285K	IC		
IC3651	HA17558AF-X	IC		
IC3701	TPS852-W	PHOTO CONDUCTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
D3501	MA8100/M/-X	Z DIODE		
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3101	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3525	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3529	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3540	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3541	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3542	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3543	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3547	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3548	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3601	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	
C3602	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3603	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3605	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3607	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3608	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3609	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3610	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3651	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3652	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3653	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3654	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3701	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3702	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3703	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3519	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3543	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3544	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3545	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3546	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3547	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3601	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3605	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3606	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3607	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R3608	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3611	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3651	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3652	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3655	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3657	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3658	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3701	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L3001	NQL79GM-220X	COIL	22uH M	
L3002	NQL79GM-100X	COIL	10uH M	
L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3504	NQL79GM-4R7X	COIL	4.7uH M	

⚠Ref No.	Part No.	Part Name	Description	Local
L3505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3501	NQR0389-003X	FERRITE BEADS		
K3502	NQR0389-003X	FERRITE BEADS		
LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
⚠TU3001	QAU0366-001	TUNER		
X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	

REAR JACK PW BOARD ASS'Y (LCA10444-03B) (SFP-0J302A)

⚠Ref No.	Part No.	Part Name	Description	Local
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
Q2201	DTC323TK-X	DIGI TRANSISTOR		
Q2203	DTC323TK-X	DIGI TRANSISTOR		
Q2204	DTC323TK-X	DIGI TRANSISTOR		
Q2205	2SA1037AK/QR/-X	TRANSISTOR		
D2001	MA8100/M/-X	Z DIODE		
D2002	MA8100/M/-X	Z DIODE		
D2003	MA8100/M/-X	Z DIODE		
D2004	MA8100/M/-X	Z DIODE		
D2005	MA8100/M/-X	Z DIODE		
D2006	MA8100/M/-X	Z DIODE		
D2007	MA8100/M/-X	Z DIODE		
D2008	MA8100/M/-X	Z DIODE		
D2009	MA8100/M/-X	Z DIODE		
D2010	MA8100/M/-X	Z DIODE		
D2011	MA8100/M/-X	Z DIODE		
D2012	MA8100/M/-X	Z DIODE		
D2013	MA8100/M/-X	Z DIODE		
D2014	MA8100/M/-X	Z DIODE		
D2015	MA8100/M/-X	Z DIODE		
D2016	MA8100/M/-X	Z DIODE		
D2017	MA8100/M/-X	Z DIODE		
D2053	MA8100/M/-X	Z DIODE		
D2054	MA8100/M/-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2208	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2010	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2013	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2208	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2057	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2060	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2216	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2217	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R2218	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R2219	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
J2001	QNZ0700-001	AV JACK	VIDEO-1/XIDEO-2 IN	
J2002	QNN0646-001	PIN JACK	VIDEO1/COMP IN	
J2003	QNN0644-001	PIN JACK	VIDEO-3 IN	
J2004	QNN0641-001	PIN JACK	VIDEO-3COMP/ANALOG AUDIO/CENTER CH IN	
J2006	QNN0644-001	PIN JACK	V/L/R OUT	
J2007	QNN0645-001	PIN JACK	SUB WOOFER/AUDIO OUT	

PRINTED WIRING BOARD PARTS LIST [TU-Z50DX4/S]

FRONT CONTROL PW BOARD ASS’Y (LCA10466-04B) (SFP-8302A)

REFER TO PARTS LIST IN PAGE PAGE 3-20 FOR THIS P.W. BOARD.

REGULATOR PW BOARD ASS’Y (LCA10426-14C) (SFP-9317A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1580HS-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

SYSTEM POWER PW BOARD ASS’Y (LCA10443-03A) (SFP-9316A)

REFER TO PARTS LIST IN PAGE PAGE 3-20 FOR THIS P.W. BOARD.

ANALOG SIGNAL PW BOARD ASS’Y (LCA10423-12C) (SFP-0A302A)

REFER TO PARTS LIST IN PAGE PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL PW BOARD ASS’Y (LCA10428-42H) (SFP-0D308A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z50DX4	IC(MICRO C ROM)		(SERVICE)
IC4004	ATE256-Z50DX4-1	IC		(SERVICE)
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z50DX4-2	IC		(SERVICE)
IC7401	S-80828CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z50DX4	IC		(SERVICE)
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	RB501V-40-X	SB DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1052	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0204	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0304	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6101	NQR0413-003X	FERRITE BEADS		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0DVI	QNZ0580-001	D CONNECTOR	DISPLAY OUT	
CN0MDR	QNZ0576-002	D CONNECTOR	DISPLAY OUT	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6101	NQR0413-003X	FERRITE BEADS		
K6102	NQR0413-003X	FERRITE BEADS		
K6103	NQR0413-003X	FERRITE BEADS		
K6104	NQR0413-003X	FERRITE BEADS		
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

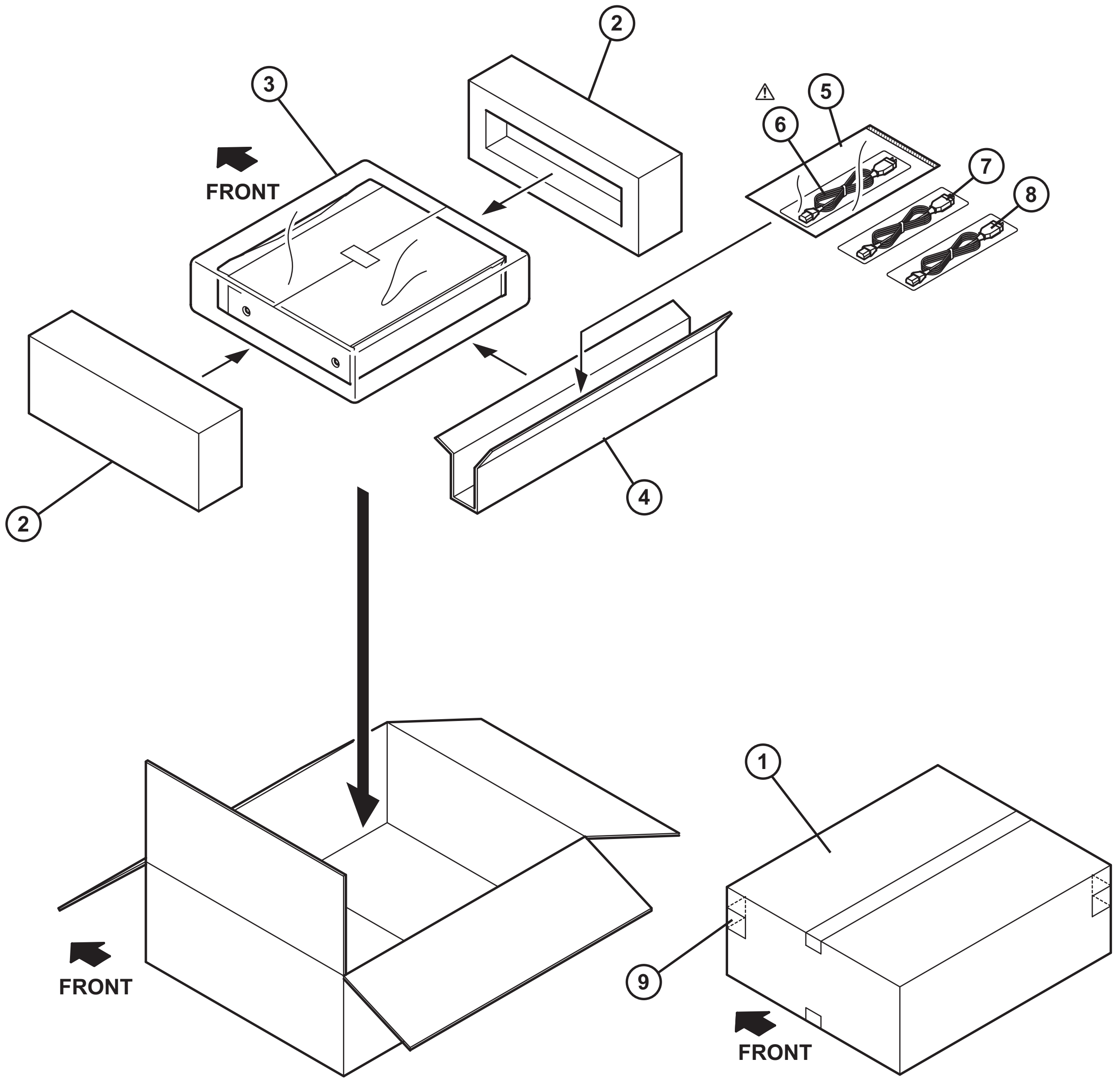
RECEIVER PW BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

REFER TO PARTS LIST IN PAGE PAGE 3-30 FOR THIS P.W. BOARD.

REAR JACK PW BOARD ASS'Y (LCA10444-03B) (SFP-0J302A)

REFER TO PARTS LIST IN PAGE PAGE 3-31 FOR THIS P.W. BOARD.

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC32513-006B	PACKING CASE		
	2	LC11750-001A	CUSHION ASSY	2pcs in 1set	
	3	PQM30021-93	POLY BAG		
	4	LC21462-001B	ACCESSORY SHEET		
	5	QPA01203505	POLY BAG	12cm x 35cm	TU-Z50DX4
⚠	6	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	TU-Z50DX4
⚠	6	QMPB320-180-R	POWER CORD(EU)	1.8m BLACK	TU-Z50DX4/S
⚠	7	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
⚠	8	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	TU-Z50DX4
	9	LC20989-001A-H	CORNER LABEL	(x3)	

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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PACKING PARTS LIST 39

[DISPLAY UNIT : VM-Z50DX4, VM-Z50DX4/S]

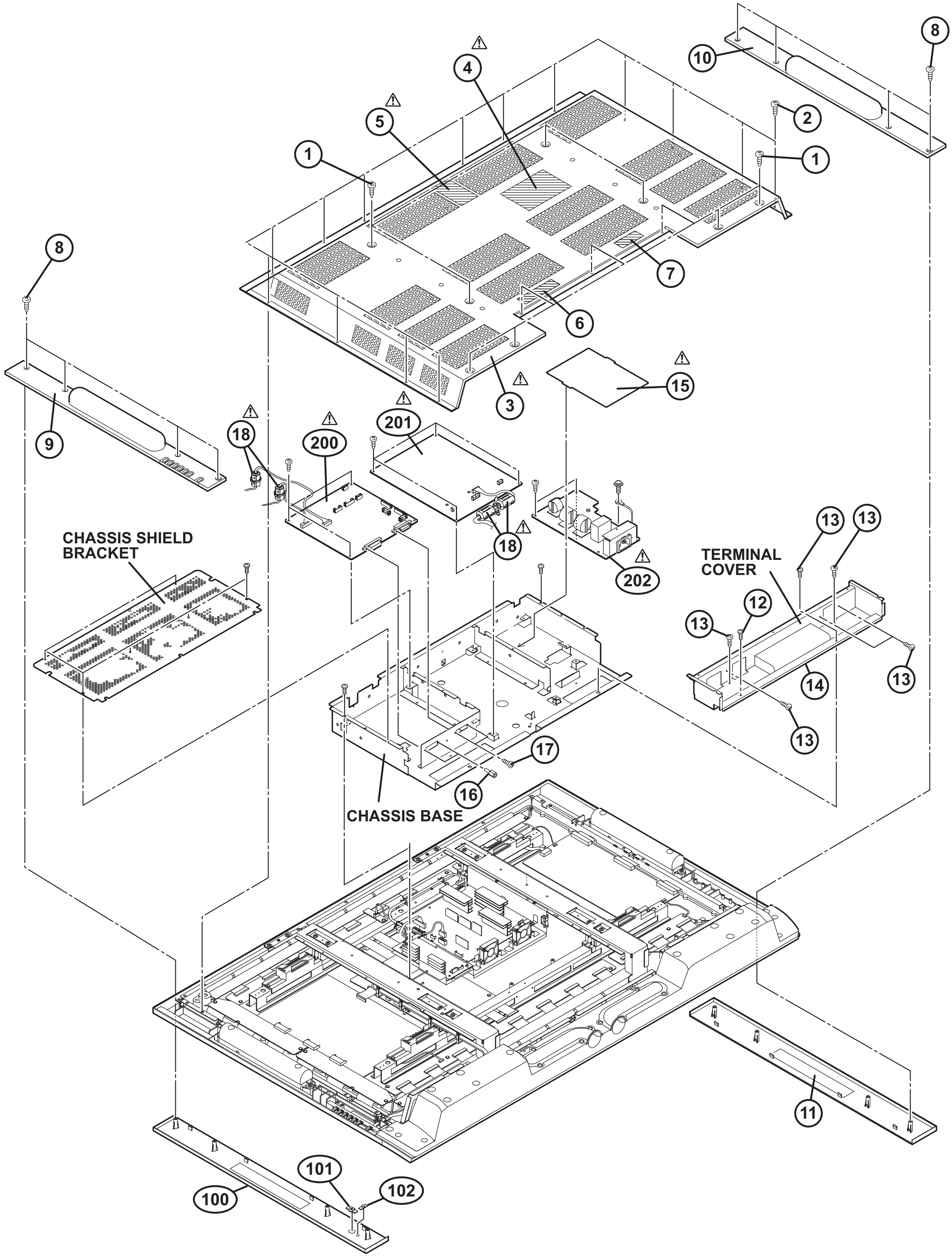
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	VM-Z50DX4	VM-Z50DX4/S
AUDIO P.W.B	LCA90441-03B (SFP-6009A)	←
DISPLAY INTERFACE P.W.B	LCA10360-09E (SFP-7307A)	LCA10360-10E (SFP-7308A)
TEMP.SENSOR P.W.B	LCA90146-06B (SFP-8381A)	←
LINE FILTER P.W.B	LCA90143-13B (SFP-9308A)	LCA90143-14B (SFP-9309A)
SUB POWER P.W.B	LCA10353-03D (SFP-9312A)	LCA10353-04D (SFP-9313A)
DISPLAY LED P.W.B	LCA90175-05B (SFP-0L269A)	←
DISPLAY SWITCH P.W.B	LCA90148-07C (SFP-0L367A)	←
REMOTE CONTROL UNIT	RM-C1830-1C	←

EXPLODED VIEW PARTS LIST -1

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC42065-001A	SCREW	(x11)	
	2	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x22)	
⚠	3	LC11721-004A	REAR COVER		
⚠	4	LC21782-001A-0L	RATING LABEL		VM-Z50DX4
⚠	4	LC21782-002A-0L	RATING LABEL		VM-Z50DX4/S
⚠	5	LC41693-001A	CAUTION LABEL		
	6	LC41610-002A	TERMINAL LABEL		
	7	LC41694-001A	INLET LABEL		
	8	QYSBSFG4012MA	TAP SCREW	M4 x 12mm(x8)	
	9	LC11722-001A	BACK COVER(R)		
	10	LC11722-002A	BACK COVER(L)		
	11	LC11717-002D	SPEAKER HOLDER(L)		
	12	LC42065-001A	SCREW	(x2)	
	13	LC42067-001A	SCREW	(x5)	
	14	LC11675-001C	TERMINAL COVER		
⚠	15	LC32472-001A	LINE FILTER INSULATOR		
	16	QNB0036-001	HEX SCREW	(x2)	
	17	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
⚠	18	QQR0491-001	FERRITE CORE	(x4)	
	100	LC32509-005A	SPEAKER HOLDER ASSY(R)	Inc.No.101/102	
	101	LC41631-001B	EE LENS		
	102	LC32408-001D	LED LENS		
⚠	200	LCA10360-09E	DISPLAY INTERFACE PWB		VM-Z50DX4
⚠	200	LCA10360-10E	DISPLAY INTERFACE PWB		VM-Z50DX4/S
⚠	201	LCA90441-03B	AUDIO PWB		
⚠	202	LCA90143-13B	LINE FILTER PWB		VM-Z50DX4

EXPLODED VIEW -1



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201
18
CHASSIS SHIELD BRACKET
202
13
13
TERMINAL COVER
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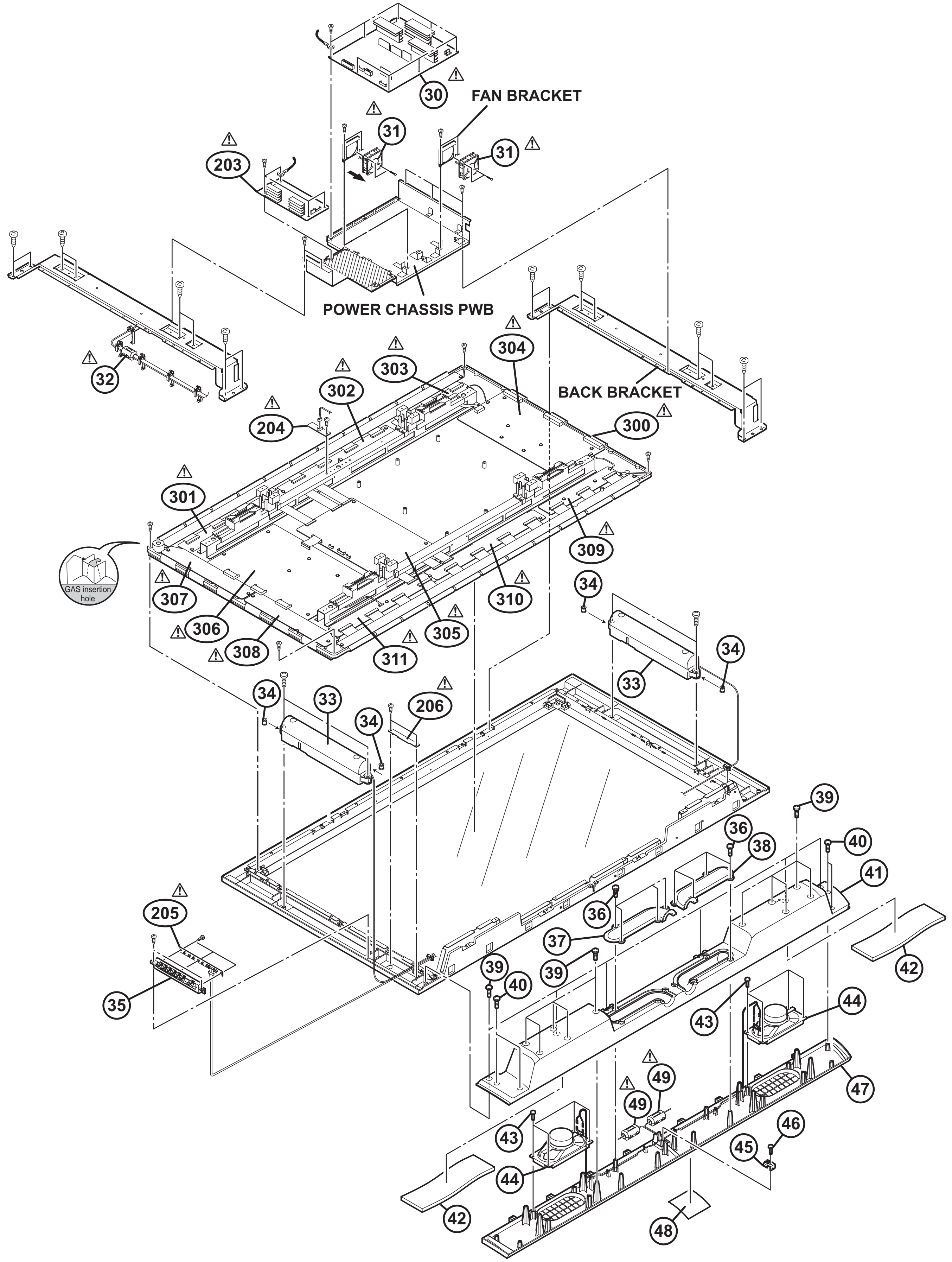
16
CHASSIS BASE
11
101
102
100

EXPLODED VIEW PARTS LIST -2

⚠	Ref.No.	Part No.	Part Name	Description	Local
⚠	30	QAL0557-004	MAIN POWER UNIT		
⚠	31	QAR0315-001	COOLING FAN	(x2)	
⚠	32	QQR0491-001	FERRITE CORE		
	33	LC41683-002A	DD SPEAKER ASSY	(x2)	
	34	LC40226-003A-H	SPACER	(x4)	
	35	LC21378-001C	CONTROL KNOB		
	36	QYSBSFG4035MA	TAP SCREW	M4 x 35mm(x8)	
	37	LC21377-002B	DUCT COVER(R)		
	38	LC21377-001B	DUCT COVER(L)		
	39	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x16)	
	40	QYSBSFG4012MA	TAP SCREW	M4 x 12mm(x4)	
	41	LC11724-001B	WOOFER BACK COVER		
	42	LC32515-001A	DOME ABSORBER	(x2)	
	43	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x8)	
	44	QAS0154-001	SPEAKER	(x2)	
	45	LC32525-001A	WIRE BRACKET		
	46	QYSBSFG4012ZA	TAP SCREW	M4 x 12mm	
	47	LC11749-001C	WOOFER SPEAKER HOLDER ASSY		
	48	LC32433-001B	BRAND PLATE		
⚠	49	QQR0675-001	CORE FILTER	(x2)	
⚠	203	LCA10353-03D	SUB POWER PWB		VM-Z50DX4
⚠	203	LCA10353-04D	SUB POWER PWB		VM-Z50DX4/S
⚠	204	LCA90146-06B	TEMP.SENSOR PWB		
⚠	205	LCA90148-07C	DISPLAY SWITCH PWB		
⚠	206	LCA90175-05B	DISPLAY LED PWB		
⚠	300	QLE0036-001	PDP UNIT	Inc.No.301-311	
⚠	301	LG-6871QLH035C	X LEFT TOP PWB		
⚠	302	LG-6871QXH024C	X CENTER TOP PWB		
⚠	303	LG-6871QRH041C	X RIGHT TOP PWB		
⚠	304	LG-6871QZH043B	Z SUS PWB		
⚠	305	LG-6871QCH044A	LVDS CONTROL PWB		
⚠	306	LG-6871QYH038B	Y SUS PWB		
⚠	307	LG-6871QDH080A	Y DRIVER UPPER PWB		
⚠	308	LG-6871QDH081A	Y DRIVER LOWER PWB		
⚠	309	LG-6871QRH042C	X RIGHT BOTTOM PWB		
⚠	310	LG-6871QXH025C	X CENTER BOTTOM PWB		
⚠	311	LG-6871QLH036C	X LEFT BOTTOM PWB		

EXPLODED VIEW -2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FAN BRACKET
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31
203
POWER CHASSIS PWB
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302
BACK BRACKET
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301
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GAS insertion hole
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306
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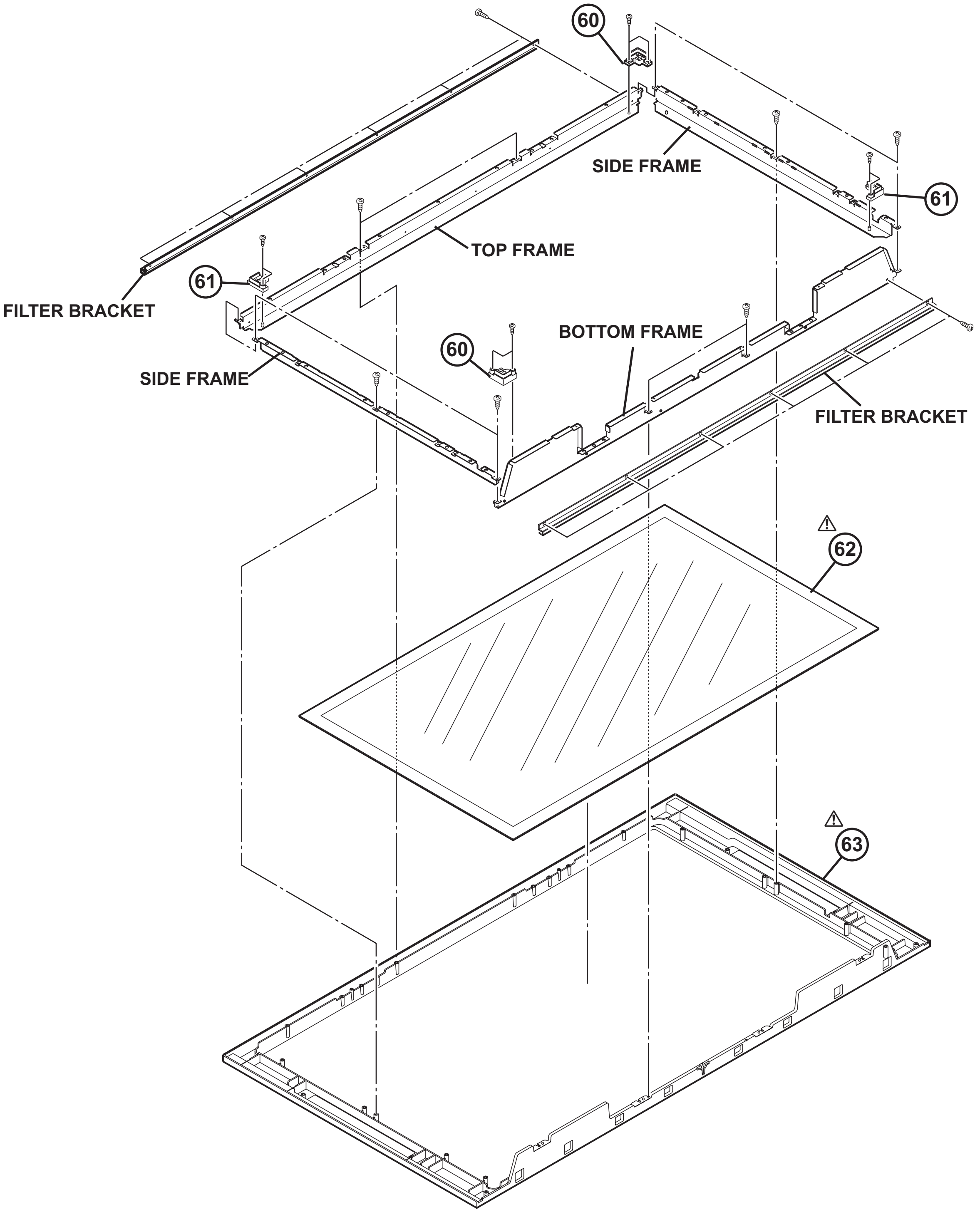
EXPLODED VIEW PARTS LIST -3

⚠	Ref.No.	Part No.	Part Name	Description	Local
	60	LC32466-001A	SPACER	(x2)	
	61	LC32466-002A	SPACER	(x2)	
⚠	62	LC32467-001B	FRONT FILTER		VM-Z50DX4
⚠	62	LC32655-001A	FRONT FILTER		VM-Z50DX4/S
⚠	63	LC11712-004A	FRONT PANEL		

EXPLODED VIEW -3


60
SIDE FRAME
61
TOP FRAME
61
FILTER BRACKET
BOTTOM FRAME
60
SIDE FRAME
FILTER BRACKET
⚠
62
⚠
63

PRINTED WIRING BOARD PARTS LIST [VM-Z50DX4]

AUDIO PW BOARD ASS'Y
(LCA90441-03B) (SFP-6009A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC6501	RC4558D-X	IC		
IC6521	NJW1164M-W	IC		
IC6551	RC4558D-X	IC		
IC6552	RC4558D-X	IC		
IC6571	RC4558D-X	IC		
IC6572	RC4558D-X	IC		
IC6621	TA8270HA	IC		
Q6521	2SC3928A/QR/-X	TRANSISTOR		
Q6522	2SC3928A/QR/-X	TRANSISTOR		
Q6523	2SA1530A/QR/-X	TRANSISTOR		
Q6531	2SC3928A/QR/-X	TRANSISTOR		
Q6532	2SC3928A/QR/-X	TRANSISTOR		
Q6533	2SC3928A/QR/-X	TRANSISTOR		
Q6534	2SA1530A/QR/-X	TRANSISTOR		
Q6535	2SC3928A/QR/-X	TRANSISTOR		
Q6536	2SC3928A/QR/-X	TRANSISTOR		
Q6642	2SA1530A/QR/-X	TRANSISTOR		
Q6643	2SC3928A/QR/-X	TRANSISTOR		
D6501	MA111-X	SI DIODE		
D6502	MA111-X	SI DIODE		
D6503	MA111-X	SI DIODE		
D6504	MA111-X	SI DIODE		
D6505	MA111-X	SI DIODE		
D6506	MA111-X	SI DIODE		
D6551	MA8062/M/-X	Z DIODE		
D6621	MA8330/M/-X	Z DIODE		
D6622	MA8330/M/-X	Z DIODE		
D6623	MA8330/M/-X	Z DIODE		
D6624	MA8330/M/-X	Z DIODE		
D6625	MA8330/M/-X	Z DIODE		
D6626	MA8330/M/-X	Z DIODE		
D6627	MA8330/M/-X	Z DIODE		
D6628	MA8330/M/-X	Z DIODE		
D6629	D1FS4-X	SB DIODE		
D6630	D1FS4-X	SB DIODE		
D6631	D1FS4-X	SB DIODE		
D6632	D1FS4-X	SB DIODE		
D6641	MA111-X	SI DIODE		
D6642	MA111-X	SI DIODE		
D6643	MA111-X	SI DIODE		
C6501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6503	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6504	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6505	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6506	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6507	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6508	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6509	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6510	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6511	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6512	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C6521	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6526	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6527	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6528	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C6533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6534	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6535	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6537	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6538	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6539	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6540	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6542	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6544	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6551	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6552	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6553	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6554	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6555	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6556	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6557	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6558	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6559	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6561	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C6562	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C6563	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6564	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6565	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6566	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6569	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6570	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6571	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6572	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C6573	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6574	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6575	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6576	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6577	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	
C6578	NCB31HJ-103X	C CAPACITOR	0.01uF 50V J	
C6581	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6582	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6583	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6584	NCB21EK-124X	C CAPACITOR	0.12uF 25V K	
C6585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6586	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6587	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6588	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6603	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6604	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6621	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6622	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6623	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6624	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C6625	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6626	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C6627	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C6628	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6629	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6630	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6631	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6632	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6633	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6634	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6635	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6636	QFV21HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C6642	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C6643	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6651	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6681	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6682	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6683	QETM1CM-478	E CAPACITOR	4700uF 16V M	
C6684	QETM1CM-478	E CAPACITOR	4700uF 16V M	
R6501	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6502	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6503	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6504	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6507	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6510	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6544	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6545	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6546	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6547	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6552	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6557	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6558	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6559	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R6560	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6562	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6565	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R6571	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6572	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6573	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6574	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6575	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6576	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6581	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6582	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R6583	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6584	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6585	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6586	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6587	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R6588	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6591	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6594	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6601	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6603	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6604	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6607	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6608	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6610	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6611	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6612	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6613	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R6614	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6615	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6616	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠R6621	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6622	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6623	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6624	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6625	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6626	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6627	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠R6628	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R6643	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6645	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6646	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6648	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6649	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6653	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6671	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6672	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6673	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6674	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
⚠R6681	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6682	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6683	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
⚠R6684	QRK126J-102X	UNF C RESISTOR	1kΩ 1/2W J	
R6689	QRL039J-221	OMF RESISTOR	220Ω 3W J	
R6690	QRL039J-221	OMF RESISTOR	220Ω 3W J	
CN600A	QJK016-032003	SIN CR C-B WIRE		
CN600B	WJK0050-010A	E-SI C WIRE C-B		
CN600D	QJK016-080703	SIN CR C-B WIRE		
TH6671	QAD0125-471	P THERMISTOR	470Ω 16V	

DISPLAY INTERFACE PW BOARD ASS’Y (LCA10360-09E) (SFP-7307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC401	PQ20WZ11-X	IC		
IC501	SII169CT100	IC		
IC502	S-80828CLNB-G-W	IC		
IC601	THC63LVDM83R-W	IC		
IC602	THC63LVDM83R-W	IC		
IC801	BA33BC0FP-X	IC		
IC802	BA50BC0FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-Z50DX4	IC	(SERVICE)	
IC807	HD64F3687B04H	IC(MCU)		
IC808	TC74VHCT541AFTX	IC		
IC809	S-80840CLNB-G-W	IC		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q501	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C109	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C112	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C113	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEHL1CM-476X	E CAPACITOR	47uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C402	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C405	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C624	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C625	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEH70JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R519	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R617	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R633	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R636	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R637	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R820	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R860	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R901	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R926	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R928	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R943	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R979	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA607	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA608	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA610	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA611	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA612	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA613	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA614	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA615	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA616	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA617	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA618	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
L101	NQL63EM-680X	COIL	68uH M	
L501	NQR0351-001X	FERRITE BEADS		
L601	NQR0351-001X	FERRITE BEADS		
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
LC814	NQR0416-003X	EMI FILTER	76pF 16V M	
LC815	NQR0416-003X	EMI FILTER	76pF 16V M	
LC816	NQR0416-003X	EMI FILTER	76pF 16V M	
LC819	NQR0416-003X	EMI FILTER	76pF 16V M	
LC820	NQR0416-003X	EMI FILTER	76pF 16V M	
LC821	NQR0416-003X	EMI FILTER	76pF 16V M	
X801	QAX0534-001	C RESONATOR	16.000MHz	

TEMP.SENSOR PW BOARD ASS’Y (LCA90146-06B) (SFP-8381A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC8101	TCN75-5.0MOA-X	IC		
C8101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R8101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

LINE FILTER PW BOARD ASS’Y (LCA90143-13B) (SFP-9308A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9913	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-009A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0103-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER PW BOARD ASS’Y (LCA10353-03D) (SFP-9312A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-04TS-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-04TS-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	FMX-22S	SI DIODE		
D9052	RU3YX-LFC4	SI DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9007	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9052	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRM059J-R56	MP RESISTOR	0.56Ω 5W J	
R9004	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9005	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL03EJ-181X	OMF RESISTOR	180Ω 3W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-8201Y	CMF RESISTOR	8.2kΩ 1/4W F	
R9057	QRA14CF-2001Y	CMF RESISTOR	2kΩ 1/4W F	
R9058	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
⚠T9001	QQS0247-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PC123Y22FZ	PHOTO COUPLER		

DISPLAY LED PW BOARD ASS’Y (LCA90175-05B) (SFP-0L269A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1642	GP1UA261XK	IR DETECT UNIT	38kHz	
Q1641	2SC3928A/QR/-X	TRANSISTOR		
Q1642	2SC3928A/QR/-X	TRANSISTOR		
D1643	SEL2E10W	LED	POWER	
C1642	QER61CM-476Z	E CAPACITOR	47uF 16V M	
R1641	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1642	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1643	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1644	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1648	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1654	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

DISPLAY SWITCH PW BOARD ASS’Y (LCA90148-07C) (SFP-0L367A)

⚠Ref No.	Part No.	Part Name	Description	Local
R2701	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2702	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2703	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2704	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
S2701	QSW0619-003Z	TACT SWITCH	VOL+	
S2702	QSW0619-003Z	TACT SWITCH	CH-	
S2703	QSW0619-003Z	TACT SWITCH	MENU/OK	
S2704	QSW0619-003Z	TACT SWITCH	TV/VIDEO	
S2705	QSW0619-003Z	TACT SWITCH	CH+	
S2706	QSW0619-003Z	TACT SWITCH	VOL-	
S2707	QSW0619-003Z	TACT SWITCH	POWER	

PRINTED WIRING BOARD PARTS LIST [VM-Z50DX4/S]

AUDIO PW BOARD ASS’Y
(LCA90441-03B) (SFP-6009A)

REFER TO PARTS LIST IN PAGE PAGE 3-8 FOR THIS P.W. BOARD.

DISPLAY INTERFACE PW BOARD ASS’Y
(LCA10360-10E)(SFP-7308A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC101	PQ1CY1032Z-W	IC		
IC102	BA12FP-X	IC		
IC401	PQ20WZ11-X	IC		
IC501	SII169CT100	IC		
IC502	S-80828CLNB-G-W	IC		
IC601	THC63LVDM83R-W	IC		
IC602	THC63LVDM83R-W	IC		
IC801	BA33BC0FP-X	IC		
IC802	BA50BC0FP-X	IC		
IC803	MAX3221CDB-X	IC		
IC805	ATE16-Z50DX4	IC	(SERVICE)	
IC807	HD64F3687B04H	IC(MCU)		
IC808	TC74VHCT541AFTX	IC		
IC809	S-80840CLNB-G-W	IC		
Q410	2SC3928A/QR/-X	TRANSISTOR		
Q501	2SC3928A/QR/-X	TRANSISTOR		
Q703	2SK2090-X	MOS FET		
Q704	2SK2090-X	MOS FET		
Q803	2SA1530A/QR/-X	TRANSISTOR		
Q804	2SC3928A/QR/-X	TRANSISTOR		
Q805	2SK2090-X	MOS FET		
Q806	2SK2090-X	MOS FET		
Q807	2SA1530A/QR/-X	TRANSISTOR		
Q808	2SC3928A/QR/-X	TRANSISTOR		
Q812	2SC3928A/QR/-X	TRANSISTOR		
Q813	2SC3928A/QR/-X	TRANSISTOR		
D101	EC30HA03L-X	SB DIODE		
D102	PTZ6.8B-X	Z DIODE		
D410	MA111-X	SI DIODE		
D412	MA111-X	SI DIODE		
D501	BAV99L-X	SI DIODE		
D502	BAV99L-X	SI DIODE		
D503	BAV99L-X	SI DIODE		
D504	BAV99L-X	SI DIODE		
D505	BAV99L-X	SI DIODE		
D506	BAV99L-X	SI DIODE		
D507	BAV99L-X	SI DIODE		
D508	BAV99L-X	SI DIODE		
D509	BAV99L-X	SI DIODE		
D510	BAV99L-X	SI DIODE		
D611	MA8056/M/-X	Z DIODE		
D803	MA111-X	SI DIODE		
D804	MA8056/M/-X	Z DIODE		
D901	1SS355-X	SI DIODE		
D902	1SS355-X	SI DIODE		
C103	QETM1EM-477	E CAPACITOR	470uF 25V M	
C105	QETM0JM-108	E CAPACITOR	1000uF 6.3V M	
C108	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C109	NEHL1EM-336X	E CAPACITOR	33uF 25V M	
C112	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C113	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C114	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C117	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C401	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C402	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C404	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C405	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C410	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C502	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C503	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C510	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C516	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C517	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C601	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C603	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C604	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C610	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C624	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C625	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C626	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C803	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C804	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C805	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C806	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C807	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C809	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C810	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C811	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C812	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C815	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C816	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C817	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C818	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C819	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C820	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C821	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C823	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C824	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C825	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C826	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C828	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C829	NEHL0JM-226X	E CAPACITOR	22uF 6.3V M	
C832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R101	NRSA63D-182X	MG RESISTOR	1.8kΩ 1/16W D	
R102	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D	
R103	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R108	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R403	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R410	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R413	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R501	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R507	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R510	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R519	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R528	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R529	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R533	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R602	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R605	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R611	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R614	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R617	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R626	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R633	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R636	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R637	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R803	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R804	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R807	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R809	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R810	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R811	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R820	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R821	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R825	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R826	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R833	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R834	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R836	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R837	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R838	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R842	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R843	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R844	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R846	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R847	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R848	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R849	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R850	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R851	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R854	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R855	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R856	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R857	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R858	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R859	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R860	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R861	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R863	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R868	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R869	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R870	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R871	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R872	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R873	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R875	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R877	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R878	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R880	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R883	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R885	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R886	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R887	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R890	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R891	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R893	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R894	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R895	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R896	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R897	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R898	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R899	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R900	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R901	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R910	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R911	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R912	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R915	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R917	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R918	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R919	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R920	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R923	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R925	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R926	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R927	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R928	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R930	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R932	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R934	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R937	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R938	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R939	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R943	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R953	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R963	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R964	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R965	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R967	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R968	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R969	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R974	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R976	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R977	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R979	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA607	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA608	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA609	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA610	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA611	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA612	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA613	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA614	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA615	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA616	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA617	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
RA618	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
L101	NQL63EM-680X	COIL	68uH M	
L501	NQR0351-001X	FERRITE BEADS		
L601	NQR0351-001X	FERRITE BEADS		
L801	NQR0351-001X	FERRITE BEADS		
L802	NQR0351-001X	FERRITE BEADS		
K801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K804	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	

⚠Ref No.	Part No.	Part Name	Description	Local
K805	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
LC814	NQR0416-003X	EMI FILTER	76pF 16V M	
LC815	NQR0416-003X	EMI FILTER	76pF 16V M	
LC816	NQR0416-003X	EMI FILTER	76pF 16V M	
LC819	NQR0416-003X	EMI FILTER	76pF 16V M	
LC820	NQR0416-003X	EMI FILTER	76pF 16V M	
LC821	NQR0416-003X	EMI FILTER	76pF 16V M	
X801	QAX0534-001	C RESONATOR	16.000MHz	

TEMP.SENSOR PW BOARD ASS’Y (LCA90146-06B) (SFP-8381A)

REFER TO PARTS LIST IN PAGE PAGE 3-11 FOR THIS P.W. BOARD.

LINE FILTER PW BOARD ASS’Y (LCA90143-14B)(SFP-9309A)

⚠Ref No.	Part No.	Part Name	Description	Local
⚠C9901	QFZ9081-225	MPP CAPACITOR	2.2uF	
⚠C9904	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
⚠C9912	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9913	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9915	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠C9916	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
⚠R9902	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K	
CN90E1	QUB03K-08FPHM	SIN TWIST WIRE		
CN90PW	WJK0050-009A	E-SI C WIRE C-B		
⚠F9901	QMFZ041-100-J1	FUSE	10A 250V	
⚠J9901	QNC0099-001	AC INLET(NOISE)		
⚠LF9901	QQR1281-002	LINE FILTER		
⚠LF9902	QQR1281-002	LINE FILTER		
⚠LF9903	QQR1376-001	LINE FILTER		
⚠LF9904	QQR1376-001	LINE FILTER		
⚠VA9901	ERZV10V621CS	ZNR		

SUB POWER PW BOARD ASS’Y (LCA10353-04D)(SFP-9313A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		
IC9051	UTCTL431-T	IC		
D9001	MTZJ33B-T2	Z DIODE		
D9004	RGP10J-04TS-T3	SI DIODE		
D9005	1SS133-T2	SI DIODE		
D9006	RGP10J-04TS-T3	SI DIODE		
D9008	SARS01-T2	SI DIODE		
D9009	SARS01-T2	SI DIODE		
D9011	1SS133-T2	SI DIODE		
D9051	FMX-22S	SI DIODE		
D9052	RU3YX-LFC4	SI DIODE		
C9001	QEZ0674-476	E CAPACITOR	47uF 450V M	
C9002	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9003	QCZ0354-471Z	C CAPACITOR	470pF 2kV K	
C9004	QCS31HJ-471Z	C CAPACITOR	470pF 50V J	
C9006	QCB31HK-562Z	C CAPACITOR	5600pF 50V K	
C9007	QEHR1HM-476Z	E CAPACITOR	47uF 50V M	
C9008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C9010	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9051	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9052	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9053	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9057	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
⚠C9901	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
⚠C9902	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
R9001	QRK126J-101X	UNF C RESISTOR	100Ω 1/2W J	
R9002	QRM059J-R56	MP RESISTOR	0.56Ω 5W J	
R9004	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9005	QRL01EJ-104X	OMF RESISTOR	100kΩ 1W J	
R9006	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	
R9008	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9009	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9010	QRZ9017-470	FUSI RESISTOR	47Ω 1/4W J	
R9011	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R9012	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9050	QRL03EJ-181X	OMF RESISTOR	180Ω 3W J	
R9051	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9053	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R9055	QRA14CF-8201Y	CMF RESISTOR	8.2kΩ 1/4W F	
R9057	QRA14CF-2001Y	CMF RESISTOR	2kΩ 1/4W F	
R9058	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R9059	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
⚠T9001	QQS0247-001	SW TRANSF		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9051	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠PC9001	PC123Y22FZ	PHOTO COUPLER		

DISPLAY LED PW BOARD ASS’Y (LCA90175-05B) (SFP-0L269A)

REFER TO PARTS LIST IN PAGE PAGE 3-12 FOR THIS P.W. BOARD.

DISPLAY SWITCH PW BOARD ASS’Y (LCA90148-07C) (SFP-0L367A)

REFER TO PARTS LIST IN PAGE PAGE 3-12 FOR THIS P.W. BOARD.

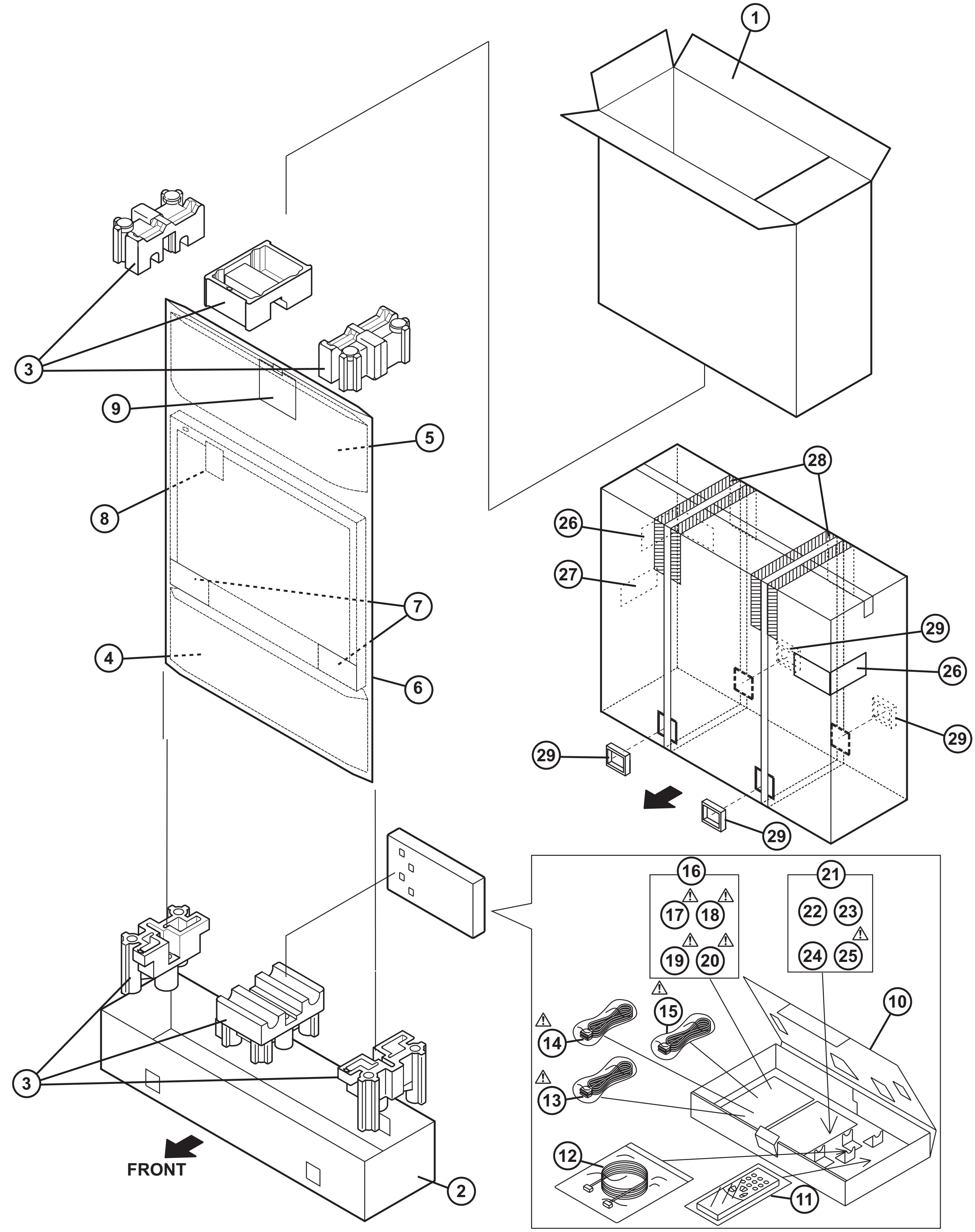
REMOTE CONTROL UNIT PARTS LIST [RM-C1830-1C]

⚠	Ref No.	Part No.	Part Name	Description	Local
		2AA070311	BATTERY COVER		

PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC21464-004A	PACKING CASE(TOP)		
	2	LC21463-001B	PACKING CASE(BOTTOM)		
	3	LC11751-001B	CUSHION	6pcs in 1set	
	4	LC41035-004A	POLY BAG		
	5	LC41035-006A	POLY BAG		
	6	LC30236-006B	POLY BAG		
	7	LC32526-001A	PROTECT SHEET	(x2)	
	8	LCT1544-001B	CAUTION SHEET		
	9	LCT1554-001A	CAUTION SHEET		
	10	LC21264-001A	ACCESSORY BOX		
	11	RM-C1830-1C	REMOCON UNIT	Inc.POLY BAG	
	12	QAM0585-001	SYSTEM CABLE	3m	
⚠	13	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	VM-Z50DX4
⚠	14	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
⚠	15	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	VM-Z50DX4
⚠	15	QMPB320-180-R	POWER CORD(JP)	1.8m BLACK	VM-Z50DX4/S
	16	QPA02503505P	POLY BAG	25cm x 35cm	
⚠	17	LCT1667-001A	CAUTION BOOK	English/French/Russian/Arabic/Chinese/Persian	
⚠	18	LCT1781-001A	INST BOOK	English	
⚠	19	LCT1782-001A	INST BOOK	French/Russian/Arabic/Chinese/Persian	
⚠	20	LCT1814-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	VM-Z50DX4
⚠	20	LCT1815-001A	INST SHEET	English/French/Russian/Arabic/Chinese/Persian	VM-Z50DX4/S
	21	QPA01203005	POLY BAG	12cm x 30cm	
	22	LC41320-001A	NYRON CLAMP	(x2) HOOK	
	23	------------	BATTERY	R6P/AA(x2)	
	24	QYSPSPD5016MA	SCREW	M5 x 16mm(x2)	
⚠	25	QQR1454-001	CORE FILTER	(x4)	VM-Z50DX4
⚠	25	QQR0491-001	CORE FILTER	(x2)	VM-Z50DX4/S
	26	LC20989-001A-H	CORNER LABEL	(x3)	
	27	LC42125-001A	SASO LABEL		VM-Z50DX4/S
	28	LC32610-001A	SUPPORT CORNER	(x2)	
	29	CP30903-001	JOINT	(x4)	

PACKING


FRONT

[RECEIVER UNIT : TU-Z50DX4, TU-Z50DX4/S]

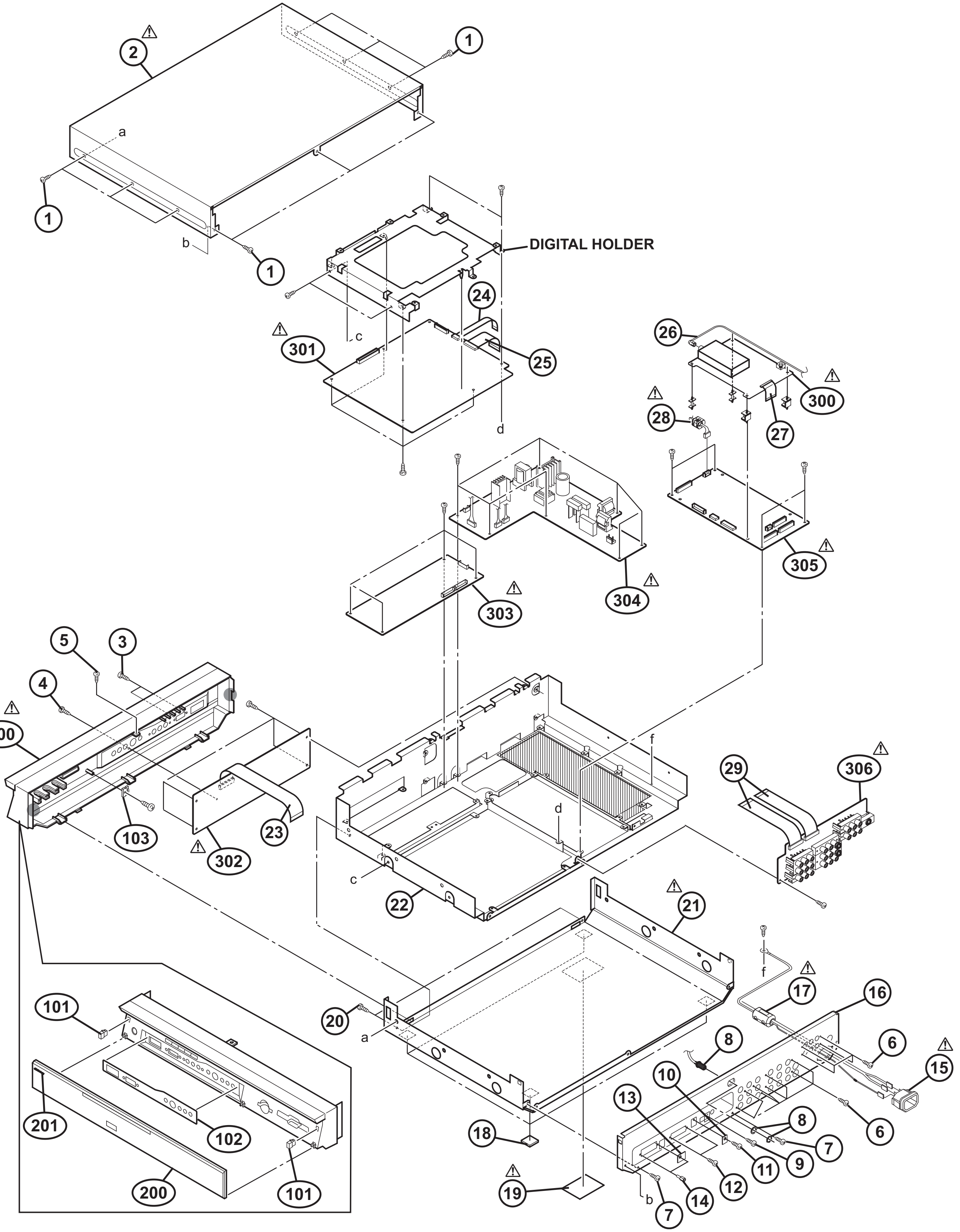
USING P.W. BOARD

P.W.B ASS'Y name	TU-Z50DX4	TU-Z50DX4/S
FRONT CONTROL P.W.B	LCA10466-04B (SFP-8302A)	←
REGULATOR P.W.B	LCA10426-13C (SFP-9306A)	LCA10426-14C (SFP-9317A)
SYSTEM POWER P.W.B	LCA10443-03A (SFP-9316A)	←
ANALOG SIGNAL P.W.B	LCA10423-12C (SFP-0A302A)	←
DIGITAL SIGNAL P.W.B	LCA10428-41H (SFP-0D307A)	LCA10428-42H (SFP-0D308A)
RECEIVER P.W.B	LCA10476-03E (SFP-0F303A)	←
REAR JACK P.W.B	LCA10444-03B (SFP-0J302A)	←

EXPLODED VIEW PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x9)	
⚠	2	LC11748-001C	TOP COVER		
	3	QNB0036-001	HEX SCREW	(x2)	
	4	QYSBSF3010NA	TAP SCREW	M3 x 10mm	
	5	QYSDSG3008NA	TAP SCREW	M3 x 8mm	
	6	QYSBSF3010MA	TAP SCREW	M3 x 10mm(x12)	
	7	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x2)	
	8	CE42112-002	ANTENNA CONNECTOR	Inc.WASHER/NUT	
	9	QYSDSP3006NA	SCREW	M3 x 6mm	
	10	LC41897-001A	SERVICE COVER		
	11	QYSDSG3008NA	TAP SCREW	M3 x 8mm	
	12	QYSPSPL2608NA	SCREW	M2.6 x 8mm(x2)	
	13	LC42135-001A	SERVICE COVER		
	14	QNB0036-001	HEX SCREW	(x2)	
⚠	15	QMCB004-001	AC INLET		
	16	LC21578-003A	BACK COVER		
⚠	17	QQR0491-001	FERRITE CORE		
	18	LC41284-002A	FOOT	(x4)	
⚠	19	LC21782-001A-0L	RATING LABEL		TU-Z50DX4
⚠	19	LC21782-002A-0L	RATING LABEL		TU-Z50DX4/S
	20	LC42063-001A	SCREW	(x2)	
⚠	21	LC11747-001B	BOTTOM CASE		
	22	LC11746-001B	CHASSIS BASE		
	23	QUQ105-5013AE	FFC WIRE	50pin 13cm	
	24	QUQ105-3004AA	FFC WIRE	30pin 4cm	
	25	QUQ105-5004AA	FFC WIRE	50pin 4cm	
	26	WJX0016-002A	E-COAXIAL ASSY		
	27	QUQ105-4004AA	FFC WIRE	40pin 4cm	
⚠	28	QQR0942-001	CORE FILTER		
	29	QUQ105-5007AE	FFC WIRE	50pin 7cm(x2)	
⚠	100	LC11719-006A	FRONT PANEL ASSY	Inc.No.101/102/103	
	101	QZW0063-001	MAGNET LATCH	(x2)	
	102	LC32512-003A	CONTROL PLATE		
	103	QZW0055-004	DAMPER		
	200	LC21443-007A	DOOR ASSY	Inc.No.201	
	201	PQ45130-6	JVC MARK		
⚠	300	LCA10476-03E	RECEIVER PWB		
⚠	301	LCA10428-41H	DIGITAL SIGNAL PWB		TU-Z50DX4
⚠	301	LCA10428-42H	DIGITAL SIGNAL PWB		TU-Z50DX4/S
⚠	302	LCA10466-04B	FRONT CONTROL PWB		
⚠	303	LCA10426-13C	REGULATOR PWB		TU-Z50DX4
⚠	303	LCA10426-14C	REGULATOR PWB		TU-Z50DX4/S
⚠	304	LCA10443-03A	SYSTEM POWER PWB		
⚠	305	LCA10423-12C	ANALOG SIGNAL PWB		
⚠	306	LCA10444-03B	REAR JACK PWB		

EXPLODED VIEW



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PRINTED WIRING BOARD PARTS LIST [TU-Z50DX4]

FRONT CONTROL PW BOARD ASS’Y (LCA10466-04B) (SFP-8302A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC1001	NJM2777M-X	IC		
Q1201	UN2212-X	DIGI TRANSISTOR		
Q1205	UN2110-X	DIGI TRANSISTOR		
D1001	MA8039/H/-X	Z DIODE		
D1101	MA8100/M/-X	Z DIODE		
D1102	MA8100/M/-X	Z DIODE		
D1103	MA8100/M/-X	Z DIODE		
D1104	MA8100/M/-X	Z DIODE		
D1105	MA8100/M/-X	Z DIODE		
D1201	SMLU12E16W-P	LED	POWER	
D1401	MA8100/M/-X	Z DIODE		
D1402	MA8100/M/-X	Z DIODE		
D1403	MA8100/M/-X	Z DIODE		
D1404	MA8100/M/-X	Z DIODE		
D1405	MA8100/M/-X	Z DIODE		
D1406	MA8100/M/-X	Z DIODE		
D1501	MA111-X	SI DIODE		
D1502	MA111-X	SI DIODE		
C1001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1004	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1005	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1006	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1007	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1008	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C1010	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1011	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1012	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C1101	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1103	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C1104	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1105	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C1106	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C1107	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1003	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1004	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1009	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1012	QRL036J-330	OMF RESISTOR	33Ω 3W J	
R1101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R1104	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1105	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1205	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1404	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1405	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1411	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1412	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1413	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1415	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1416	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1424	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1501	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1502	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1503	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1504	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R1505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
CN800F	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
J1001	QNS0051-001	3.5 JACK	HEADPHONE	
J1101	QNZ0438-001	AV JACK	VIDEO-4 IN	
J1401	QNZ0061-001	D CONNECTOR	PC IN	
S1201	QSW0619-003Z	TACT SWITCH	POWER	
S1501	QSW0619-003Z	TACT SWITCH	TV	
S1502	QSW0619-003Z	TACT SWITCH	CH-	
S1503	QSW0619-003Z	TACT SWITCH	CH+	
S1504	QSW0619-003Z	TACT SWITCH	VIDEO	
S1505	QSW0619-003Z	TACT SWITCH	PC/HDMI	

REGULATOR PW BOARD ASS’Y (LCA10426-13C) (SFP-9306A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1580HS-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

SYSTEM POWER PW BOARD ASS’Y (LCA10443-03A) (SFP-9316A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9001	STR-W6765-F5	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
Q9001	2SC3928A/QR/-X	TRANSISTOR		
Q9002	2SC3928A/QR/-X	TRANSISTOR		
Q9003	2SC3928A/QR/-X	TRANSISTOR		
Q9004	2SA1530A/QR/-X	TRANSISTOR		
⚠D9001	RGP10J-5025-T3	SI DIODE		
D9002	RD33E/B1/-T2	Z DIODE		
D9003	MA111-X	SI DIODE		
⚠D9004	D2SBA60	BRIDGE DIODE		
D9007	RGP10J-5025-T3	SI DIODE		
D9008	D1FL20U-X	SI DIODE		
D9010	SARS01-T2	SI DIODE		
D9011	SARS01-T2	SI DIODE		
D9012	MA111-X	SI DIODE		
D9013	MA111-X	SI DIODE		
D9014	RGP10J-5025-T3	SI DIODE		
D9015	FMX-22S	SI DIODE		
D9016	RGP10J-5025-T3	SI DIODE		
D9017	UTCTL431-T	IC		
D9018	RD33E/B1/-T2	Z DIODE		
D9019	MA111-X	SI DIODE		
D9021	MA8024-X	Z DIODE		
D9211	S1WB/A/60-X	BRIDGE DIODE		
D9212	MA8091/L/-X	Z DIODE		
⚠C9001	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
⚠C9003	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9005	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
⚠C9006	QFZ9072-224	MM CAPACITOR	0.22uF AC250V K	
C9007	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9008	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C9011	QCZ0354-821Z	C CAPACITOR	820pF 2kV K	
C9012	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
C9014	QEZ0199-127	E CAPACITOR	120uF 400V M	
C9016	QFP32JK-332	PP CAPACITOR	3300pF 630V K	
C9018	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C9019	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
⚠C9021	QCZ9071-222	C CAPACITOR	2200pF AC400V M	
C9024	QEHR2AM-226Z	E CAPACITOR	22uF 100V M	
C9028	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9029	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9030	QECQ1EM-228	E CAPACITOR	2200uF 25V M	
C9031	QEHR1EM-108Z	E CAPACITOR	1000uF 25V M	
C9033	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9034	QEHR1EM-477Z	E CAPACITOR	470uF 25V M	
C9035	QEHR1EM-107Z	E CAPACITOR	100uF 25V M	
C9036	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9037	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
C9210	QEHR1CM-107Z	E CAPACITOR	100uF 16V M	
⚠R9001	QRK129J-105	UNF C RESISTOR	1MΩ 1/2W J	
R9003	QRT01EJ-R82X	MF RESISTOR	0.82Ω 1W J	
R9004	QRK126J-221X	UNF C RESISTOR	220Ω 1/2W J	
R9005	QRL01EJ-473X	OMF RESISTOR	47kΩ 1W J	
R9008	QRF074K-3R3	UNF WW RESISTOR	3.3Ω 7W K	
R9010	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R9011	QRE121J-564Y	C RESISTOR	560kΩ 1/2W J	
R9012	QRL03EJ-220X	OMF RESISTOR	22Ω 3W J	
⚠R9013	QRZ9017-220	FUSI RESISTOR	22Ω 1/4W J	
R9014	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠R9016	QRZ0107-685Z	C RESISTOR	6.8MΩ 1/2W K	
R9017	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9018	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9019	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9023	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9024	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R9025	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9027	QRL02EJ-152X	OMF RESISTOR	1.5kΩ 2W J	
R9028	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9030	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9031	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9032	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9033	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9035	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9037	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R9038	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9202	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
R9203	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
R9206	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9209	NRS12BJ-333W	MG RESISTOR	33kΩ 1/2W J	
L9001	QQLZ026-260	COIL	26uH ± 7%	
L9002	QQL26AK-220Z	COIL	22uH K	
⚠T9001	QQS0254-001	SW TRANSF		
CN00B	QJK028-100600	SIN CR C-B WIRE		
CN00G	QJK037-070602	SIN CR C-B WIRE		
⚠CP9001	QMFZ043-5R0Z-J1	FUSE	5A AC250V	
⚠CP9002	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠CP9005	ICP-N50-Y	IC PROTECTOR	2.0A	
⚠F9001	QMF51D2-2R5-J1	FUSE	2.5A AC250V	
K9008	QQR1139-001	FERRITE BEADS		
⚠LF9001	QQR1084-002	LINE FILTER		
⚠LF9002	QQR1084-002	LINE FILTER		
⚠PC9001	PS2581AL1/QW/	PHOTO COUPLER		
⚠PC9201	PS2581AL1/QW/	PHOTO COUPLER		
⚠RY9001	QSK0119-001	RELAY		
⚠VA9001	QAF0060-621	VARISTOR	620V	

ANALOG SIGNAL PW BOARD ASS'Y (LCA10423-12C) (SFP-0A302A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC201	TA1370FG-X	IC		
IC202	SN74AHC1G08V-X	IC		
IC301	AN15852A	IC		
IC501	CXA2069Q	IC		
IC503	MM1510XN-X	IC		
IC604	RC4558D-X	IC		
IC611	BA4558F-X	IC		
IC612	RC4558D-X	IC		
IC711	CXA1875AM-X	IC		
IC801	TB1274AF	IC		
IC802	TC90A69AF-X	IC		
IC902	TA48M033F-X	IC		
Q307	2SA1530A/QR/-X	TRANSISTOR		
Q402	2SK1374-X	MOS FET		
Q403	2SK1374-X	MOS FET		
Q404	2SK1374-X	MOS FET		
Q405	2SK1374-X	MOS FET		
Q508	2SA1530A/QR/-X	TRANSISTOR		
Q801	2SA1530A/QR/-X	TRANSISTOR		
Q802	2SA1530A/QR/-X	TRANSISTOR		
Q810	2SA1530A/QR/-X	TRANSISTOR		
Q851	2SA1530A/QR/-X	TRANSISTOR		
Q853	2SC3928A/QR/-X	TRANSISTOR		
Q854	2SC3928A/QR/-X	TRANSISTOR		
Q855	2SA1530A/QR/-X	TRANSISTOR		
Q858	2SC3928A/QR/-X	TRANSISTOR		
Q859	2SA1530A/QR/-X	TRANSISTOR		
Q862	2SC3928A/QR/-X	TRANSISTOR		
Q863	2SC3928A/QR/-X	TRANSISTOR		
Q901	2SC3074/OY/-X	TRANSISTOR		
Q902	2SC3074/OY/-X	TRANSISTOR		
QB613	2SC3928A/QR/-X	TRANSISTOR		
QB614	2SA1530A/QR/-X	TRANSISTOR		
D501	MA8100/M/-X	Z DIODE		
D903	PTZ11B-X	Z DIODE		
D904	PTZ6.8B-X	Z DIODE		
DB201	MA8033-X	Z DIODE		
DB601	MA111-X	SI DIODE		
DB602	MA111-X	SI DIODE		
DB603	MA111-X	SI DIODE		
DB604	MA111-X	SI DIODE		
DB605	MA111-X	SI DIODE		
DB606	MA111-X	SI DIODE		
DB607	MA111-X	SI DIODE		
C201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C202	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C205	NEHL1HM-105X	E CAPACITOR	1uF 50V M	
C206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C303	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C304	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C305	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NEH71CM-106X	E CAPACITOR	10uF 16V M	

⚠Ref No.	Part No.	Part Name	Description	Local
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C323	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C324	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C325	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C326	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C327	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C328	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C329	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C330	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C339	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C340	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C341	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C342	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C343	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C346	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C349	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C355	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C356	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C357	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V M	
C506	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C520	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C521	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C523	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C601	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C602	NEN51HM-474X	BP E CAPACITOR	0.47uF 50V M	
C603	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C604	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C605	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C606	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C607	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C608	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C661	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C663	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C664	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C666	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C711	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C819	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C862	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	

⚠Ref No.	Part No.	Part Name	Description	Local
C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C886	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C889	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C890	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C904	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C911	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C912	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C915	NEHL1CM-107X	E CAPACITOR	100uF 16V M	
C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
CB613	NEH71CM-106X	E CAPACITOR	10uF 16V M	
CB614	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R203	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R204	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R213	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R214	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R304	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R305	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R318	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R322	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R323	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R326	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R327	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R328	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R332	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R373	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R375	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R383	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R392	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R395	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R403	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R506	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R528	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R574	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R603	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R604	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R608	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R612	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R616	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R617	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R618	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R619	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R620	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R631	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R632	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R633	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R635	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R636	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R637	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R661	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R665	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R666	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R667	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R669	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R670	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R719	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R720	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R907	NRS12BJ-331W	MG RESISTOR	330Ω 1/2W J	
R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R917	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB203	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
RB303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB304	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB305	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
RB401	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
RB402	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
RB504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB604	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB617	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
RB619	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
RB620	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
RB621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB623	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RB624	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
RB801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L201	NQL914K-101X	COIL	100uH K	
L807	NQR0413-003X	FERRITE BEADS		
L808	NQR0413-003X	FERRITE BEADS		
L809	NQR0413-003X	FERRITE BEADS		
L851	NQL092K-6R8X	P COIL	6.8uH K	
L852	NQL092K-6R8X	P COIL	6.8uH K	
L853	NQL092K-6R8X	P COIL	6.8uH K	
L854	NQL092M-270X	P COIL	27uH M	
L855	NQL904J-560X	COIL	56uH J	
L861	NQL914K-220X	COIL	22uH K	
L862	NQL914K-101X	COIL	100uH K	
L863	NQL914K-101X	COIL	100uH K	
L864	NQL914K-101X	COIL	100uH K	
L865	NQL914K-220X	COIL	22uH K	
L866	NQL914K-220X	COIL	22uH K	
L867	NQL914K-220X	COIL	22uH K	
L901	NQL52EM-220X	COIL	22uH M	
L902	NQL52EM-220X	COIL	22uH M	
L903	NQL52EM-220X	COIL	22uH M	
L904	NQL52EM-220X	COIL	22uH M	
CN001	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508C1-30W	CONNECTOR	FFC/FPC (1-30)	
CN00F	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN00T	QGF0508C1-40W	CONNECTOR	FFC/FPC (1-40)	
CN0J1	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
CN0J2	QGF0508C1-50W	CONNECTOR	FFC/FPC (1-50)	
X201	CSB503F30	C RESONATOR		
X801	NAX0621-001X	CRYSTAL	16.200MHz	

DIGITAL SIGNAL PW BOARD ASS’Y (LCA10428-41H) (SFP-0D307A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		

⚠Ref No.	Part No.	Part Name	Description	Local
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z50DX4	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATE256-Z50DX4-1	IC	(SERVICE)	
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z50DX4-2	IC	(SERVICE)	
IC7401	S-80828CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z50DX4	IC	(SERVICE)	
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	RB501V-40-X	SB DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1052	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0204	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0304	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6101	NQR0413-003X	FERRITE BEADS		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0DVI	QNZ0580-001	D CONNECTOR	DISPLAY OUT	
CN0MDR	QNZ0576-002	D CONNECTOR	DISPLAY OUT	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		

⚠Ref No.	Part No.	Part Name	Description	Local
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6101	NQR0413-003X	FERRITE BEADS		
K6102	NQR0413-003X	FERRITE BEADS		
K6103	NQR0413-003X	FERRITE BEADS		
K6104	NQR0413-003X	FERRITE BEADS		
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

RECEIVER PW BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC3101	M62320FP-X	IC		
IC3501	MSP3415GQGB8V3M	IC		
IC3502	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3601	AN5285K	IC		
IC3651	HA17558AF-X	IC		
IC3701	TPS852-W	PHOTO CONDUCTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
D3501	MA8100/M/-X	Z DIODE		
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3101	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C3525	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3529	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3540	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	
C3541	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
C3542	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3543	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3547	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3548	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3601	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M	
C3602	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3603	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C3604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3605	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3607	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3608	NEH71CM-106X	E CAPACITOR	10uF 16V M	
C3609	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3610	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3651	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3652	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3653	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3654	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C3701	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3702	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3703	NCB11AK-106X	C CAPACITOR	10uF 10V K	
R3004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3518	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3519	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3543	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3544	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3545	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3546	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3547	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R3601	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R3602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3605	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3606	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3607	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R3608	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R3611	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R3651	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3652	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3654	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3655	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R3656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3657	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3658	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3701	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L3001	NQL79GM-220X	COIL	22uH M	
L3002	NQL79GM-100X	COIL	10uH M	
L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3504	NQL79GM-4R7X	COIL	4.7uH M	

⚠Ref No.	Part No.	Part Name	Description	Local
L3505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3501	NQR0389-003X	FERRITE BEADS		
K3502	NQR0389-003X	FERRITE BEADS		
LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
⚠TU3001	QAU0366-001	TUNER		
X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	

REAR JACK PW BOARD ASS'Y (LCA10444-03B) (SFP-0J302A)

⚠Ref No.	Part No.	Part Name	Description	Local
Q2051	UN2226-X	DIGI TRANSISTOR		
Q2052	UN2226-X	DIGI TRANSISTOR		
Q2055	UN2110-X	DIGI TRANSISTOR		
Q2201	DTC323TK-X	DIGI TRANSISTOR		
Q2203	DTC323TK-X	DIGI TRANSISTOR		
Q2204	DTC323TK-X	DIGI TRANSISTOR		
Q2205	2SA1037AK/QR/-X	TRANSISTOR		
D2001	MA8100/M/-X	Z DIODE		
D2002	MA8100/M/-X	Z DIODE		
D2003	MA8100/M/-X	Z DIODE		
D2004	MA8100/M/-X	Z DIODE		
D2005	MA8100/M/-X	Z DIODE		
D2006	MA8100/M/-X	Z DIODE		
D2007	MA8100/M/-X	Z DIODE		
D2008	MA8100/M/-X	Z DIODE		
D2009	MA8100/M/-X	Z DIODE		
D2010	MA8100/M/-X	Z DIODE		
D2011	MA8100/M/-X	Z DIODE		
D2012	MA8100/M/-X	Z DIODE		
D2013	MA8100/M/-X	Z DIODE		
D2014	MA8100/M/-X	Z DIODE		
D2015	MA8100/M/-X	Z DIODE		
D2016	MA8100/M/-X	Z DIODE		
D2017	MA8100/M/-X	Z DIODE		
D2053	MA8100/M/-X	Z DIODE		
D2054	MA8100/M/-X	Z DIODE		
D2201	MA8100/M/-X	Z DIODE		
D2202	MA8100/M/-X	Z DIODE		
D2203	MA8100/M/-X	Z DIODE		
D2205	MA8100/M/-X	Z DIODE		
D2206	MA8100/M/-X	Z DIODE		
D2207	MA8100/M/-X	Z DIODE		
D2208	MA8100/M/-X	Z DIODE		
C2001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2002	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2003	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2004	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2008	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2009	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
C2010	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2011	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2012	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2013	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C2014	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2015	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2055	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2201	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2202	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2203	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2204	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2205	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2206	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C2207	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2208	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2209	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2210	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C2214	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2004	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2005	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2009	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2010	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2012	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2013	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2055	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2056	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2057	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2060	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2061	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2062	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R2065	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2066	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2069	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2071	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2207	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2208	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2209	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2210	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R2212	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2213	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2215	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2216	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2217	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R2218	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R2219	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2220	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
J2001	QNZ0700-001	AV JACK	VIDEO-1/XIDEO-2 IN	
J2002	QNN0646-001	PIN JACK	VIDEO1/COMP IN	
J2003	QNN0644-001	PIN JACK	VIDEO-3 IN	
J2004	QNN0641-001	PIN JACK	VIDEO-3COMP/ANALOG AUDIO/CENTER CH IN	
J2006	QNN0644-001	PIN JACK	V/L/R OUT	
J2007	QNN0645-001	PIN JACK	SUB WOOFER/AUDIO OUT	

PRINTED WIRING BOARD PARTS LIST [TU-Z50DX4/S]

FRONT CONTROL PW BOARD ASS’Y
(LCA10466-04B) (SFP-8302A)

REFER TO PARTS LIST IN PAGE PAGE 3-20 FOR THIS P.W. BOARD.

REGULATOR PW BOARD ASS’Y
(LCA10426-14C) (SFP-9317A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC9401	MP1580HS-X	IC		
IC9621	MP1580HS-X	IC		
IC9801	M62320FP-X	IC		
Q9211	2SB1188/QR/-W	TRANSISTOR		
Q9212	UN2213-X	DIGI TRANSISTOR		
Q9822	2SC3928A/QR/-X	TRANSISTOR		
D9401	EC30HA03L-X	SB DIODE		
D9403	PTZ11B-X	Z DIODE		
D9621	EC30HA03L-X	SB DIODE		
D9622	PTZ6.8B-X	Z DIODE		
D9822	MA8051/M/-X	Z DIODE		
D9823	MA111-X	SI DIODE		
C9402	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9404	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9405	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9408	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9622	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9624	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9625	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9627	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9801	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9802	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9803	NDC21HJ-121X	C CAPACITOR	120pF 50V J	
C9821	NCB11CK-105X	C CAPACITOR	1uF 16V K	
R9218	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9219	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9231	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9403	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9404	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9405	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9406	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9407	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9408	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9621	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9622	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9623	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9624	NRSA63D-333X	MG RESISTOR	33kΩ 1/16W D	
R9625	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9626	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9627	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9628	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9629	NRSA02J-471X	MG RESISTOR	470Ω 1/10W J	
R9805	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9806	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9807	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9824	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R9825	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9826	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9827	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L9402	NQL71EM-270X	COIL	27uH M	
L9621	NQL71EM-150X	COIL	15uH M	

SYSTEM POWER PW BOARD ASS’Y
(LCA10443-03A) (SFP-9316A)

REFER TO PARTS LIST IN PAGE PAGE 3-20 FOR THIS P.W. BOARD.

ANALOG SIGNAL PW BOARD ASS’Y
(LCA10423-12C) (SFP-0A302A)

REFER TO PARTS LIST IN PAGE PAGE 3-21 FOR THIS P.W. BOARD.

DIGITAL SIGNAL PW BOARD ASS’Y
(LCA10428-42H) (SFP-0D308A)

⚠Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3403	S-80928CLNB-W	IC		
IC3501	HY5DU283222AQ-5	IC		
IC3502	HY5DU283222AQ-5	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LV01-Z50DX4	IC(MICRO C ROM)		(SERVICE)
IC4004	ATE256-Z50DX4-1	IC		(SERVICE)
IC6003	MAX3221CDB-X	IC		
IC6101	SII170BCL64	IC		
IC6103	IC-PST575M/J/-X	IC		
IC7001	MN102H60KKJ	IC(MCU)		
IC7002	ATE256-Z50DX4-2	IC		(SERVICE)
IC7401	S-80828CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160T90PT	IC(MICRO C ROM)		
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATE32-Z50DX4	IC		(SERVICE)
IC9001	MP1580HS-X	IC		
IC9101	MP1580HS-X	IC		
IC9201	MP1580HS-X	IC		
Q0101	2SC3837K/NP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		
Q0308	2SC3928A/QR/-X	TRANSISTOR		
Q0309	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR/-X	TRANSISTOR		
Q1004	2SA1530A/QR/-X	TRANSISTOR		
Q1101	2SC3928A/QR/-X	TRANSISTOR		
Q1103	2SA1530A/QR/-X	TRANSISTOR		
Q1201	2SC3928A/QR/-X	TRANSISTOR		
Q1203	2SA1530A/QR/-X	TRANSISTOR		
Q1301	2SC3928A/QR/-X	TRANSISTOR		
Q1303	2SA1530A/QR/-X	TRANSISTOR		
Q1401	2SC3928A/QR/-X	TRANSISTOR		
Q1403	2SA1530A/QR/-X	TRANSISTOR		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3002	2SA1530A/QR/-X	TRANSISTOR		
Q3003	2SC3928A/QR/-X	TRANSISTOR		
Q3004	2SA1530A/QR/-X	TRANSISTOR		
Q6001	2SC3928A/QR/-X	TRANSISTOR		
Q6101	2SK1374-X	MOS FET		
Q6102	2SK1374-X	MOS FET		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	DTA144EKA-X	DIGI TRANSISTOR		
Q7501	2SA1162/YG/-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		

⚠Ref No.	Part No.	Part Name	Description	Local
D6001	1SS355-X	SI DIODE		
D6002	1SS355-X	SI DIODE		
D6003	1SS355-X	SI DIODE		
D6004	MA111-X	SI DIODE		
D6103	BAV99L-X	SI DIODE		
D6104	BAV99L-X	SI DIODE		
D6105	BAV99L-X	SI DIODE		
D6106	BAV99L-X	SI DIODE		
D6107	BAV99L-X	SI DIODE		
D6108	BAV99L-X	SI DIODE		
D6109	BAV99L-X	SI DIODE		
D6110	BAV99L-X	SI DIODE		
D6111	BAV99L-X	SI DIODE		
D7001	MA111-X	SI DIODE		
D7002	MA8051/M/-X	Z DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	MA8082/M/-X	Z DIODE		
D7006	MA8082/M/-X	Z DIODE		
D7007	MA8082/M/-X	Z DIODE		
D7008	MA8082/M/-X	Z DIODE		
D7009	MA8082/M/-X	Z DIODE		
D7203	MA111-X	SI DIODE		
D7210	RB501V-40-X	SB DIODE		
D7211	MA111-X	SI DIODE		
D7501	RB501V-40-X	SB DIODE		
D7502	MA111-X	SI DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9101	EC30HA03L-X	SB DIODE		
D9102	EC30HA03L-X	SB DIODE		
D9103	PTZ3.9B-X	Z DIODE		
D9104	MA111-X	SI DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	MA111-X	SI DIODE		
C0103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0105	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0115	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0205	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0207	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0215	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C0307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C1037	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
C1042	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1045	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1048	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1050	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1051	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C1052	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C1064	NCB31EK-103X	C CAPACITOR	0.01uF 25V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1103	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1106	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1206	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1302	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1304	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1402	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1404	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1406	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C3004	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3006	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3008	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3016	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3023	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C3030	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3031	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3032	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3037	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3042	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3044	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3045	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3047	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3049	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	

⚠Ref No.	Part No.	Part Name	Description	Local
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C3063	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3065	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3066	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3067	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3068	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3069	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3070	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3071	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3072	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3074	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3076	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3126	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3518	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3519	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C3543	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3550	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C3552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4003	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4022	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4023	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C6013	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6014	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6015	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6017	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6018	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6021	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6102	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C6105	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6106	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6107	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6108	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6109	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6112	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6113	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6114	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6115	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6116	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6117	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	

⚠Ref No.	Part No.	Part Name	Description	Local
C6119	NCF41CZ-106X	C CAPACITOR	10uF 16V Z	
C6120	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6122	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C6128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6129	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7011	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7025	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7203	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C7401	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7402	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7510	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7514	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7521	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7522	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C7523	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7524	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7531	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C7553	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9007	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9102	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9105	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9106	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9107	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9108	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9111	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9112	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9209	NEZ0022-157X	E CAPACITOR	150uF 10V M	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R0107	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0109	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R0138	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0207	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0209	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0307	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0309	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0319	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R0338	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	

⚠Ref No.	Part No.	Part Name	Description	Local
R1003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1011	NQL093K-R10X	P COIL	0.1uH K	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1106	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R1523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3107	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3120	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3122	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3151	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3156	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3157	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3164	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3168	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3169	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3172	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3178	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3179	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4051	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4052	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4053	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6022	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6034	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R6035	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6044	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6045	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6047	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6051	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6104	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R6115	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6117	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6118	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6119	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R6120	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R6124	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6125	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R6126	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6127	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
R6128	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6129	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R6130	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6131	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6132	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6134	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7001	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7002	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7005	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7010	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7016	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7023	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7024	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7033	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7039	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7040	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7043	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7047	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7049	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7057	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7058	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7059	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7060	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7061	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7067	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7068	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7073	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7075	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7081	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7082	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7085	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7086	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7087	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7088	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7089	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7090	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7091	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7092	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7093	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7095	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7096	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7097	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7098	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7099	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7100	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7123	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7145	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7146	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7220	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	

⚠Ref No.	Part No.	Part Name	Description	Local
R7401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7706	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9003	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9004	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9008	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9101	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9103	NRSA63D-203X	MG RESISTOR	20kΩ 1/16W D	
R9104	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9105	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9108	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9109	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
RA1001	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA1003	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	

⚠Ref No.	Part No.	Part Name	Description	Local
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
RA4001	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4003	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4004	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4005	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA4006	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
L0101	NQL092K-2R2X	P COIL	2.2uH K	
L0201	NQL092K-2R2X	P COIL	2.2uH K	
L0204	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0301	NQL092K-2R2X	P COIL	2.2uH K	
L0304	NDC21HJ-221X	C CAPACITOR	220pF 50V J	
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1003	NQL092K-1R5X	P COIL	1.5uH K	
L1004	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1008	NQL79GM-220X	COIL	22uH M	
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1011	NQL79GM-470X	COIL	47uH M	
L1101	NQL092K-6R8X	P COIL	6.8uH K	
L1102	NQR0489-002X	FERRITE BEADS		
L1103	NQL092K-1R0X	P COIL	1uH K	
L1201	NQL092K-6R8X	P COIL	6.8uH K	
L1203	NQL092K-1R0X	P COIL	1uH K	
L1301	NQL092K-6R8X	P COIL	6.8uH K	
L1303	NQL092K-1R0X	P COIL	1uH K	
L1401	NQL092K-6R8X	P COIL	6.8uH K	
L1403	NQL092K-1R0X	P COIL	1uH K	
L1501	NQL092K-4R7X	P COIL	4.7uH K	
L3001	NQR0489-002X	FERRITE BEADS		
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4001	NQR0413-003X	FERRITE BEADS		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L6101	NQR0413-003X	FERRITE BEADS		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7501	NQL092K-4R7X	P COIL	4.7uH K	
L7502	NQL092K-4R7X	P COIL	4.7uH K	
L7503	NQL092K-4R7X	P COIL	4.7uH K	
L7504	NQL092K-4R7X	P COIL	4.7uH K	
L7505	NQL092K-4R7X	P COIL	4.7uH K	
L7506	NQL914M-4R7X	COIL	4.7uH M	
L7507	NQL092K-4R7X	P COIL	4.7uH K	
L7508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7509	NQL092K-4R7X	P COIL	4.7uH K	
L7510	NQL092K-4R7X	P COIL	4.7uH K	
L7511	NQL092K-4R7X	P COIL	4.7uH K	
L7512	NQL914M-4R7X	COIL	4.7uH M	
L7513	NQL914M-4R7X	COIL	4.7uH M	
L7514	NQL092K-4R7X	P COIL	4.7uH K	
L9001	NQL71EM-150X	COIL	15uH M	
L9101	NQL71EM-150X	COIL	15uH M	
L9201	NQL71EM-150X	COIL	15uH M	
CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0DVI	QNZ0580-001	D CONNECTOR	DISPLAY OUT	
CN0MDR	QNZ0576-002	D CONNECTOR	DISPLAY OUT	
J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
J7001	QNS0001-001	3.5 JACK	AV COMPULINK	
K1001	NQR0489-002X	FERRITE BEADS		
K1002	NQR0489-002X	FERRITE BEADS		
K1003	NQR0489-002X	FERRITE BEADS		
K1004	NQR0489-002X	FERRITE BEADS		
K2104	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K2107	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K6101	NQR0413-003X	FERRITE BEADS		
K6102	NQR0413-003X	FERRITE BEADS		
K6103	NQR0413-003X	FERRITE BEADS		
K6104	NQR0413-003X	FERRITE BEADS		
K7501	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J	
K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K7503	NQR0389-003X	FERRITE BEADS		
LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
LC7501	NQR0313-007X	EMI FILTER	1000pF 50V M	
LC7502	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
SL7001	NAX0613-001X	C RESONATOR		
X1001	NAX0642-001X	CRYSTAL		
X3001	NAX0635-001X	CXO		
X3002	NAX0637-001X	CXO	74.1758MHz	
X4001	NAX0669-001X	C RESONATOR		
X7501	NAX0618-001X	CRYSTAL		

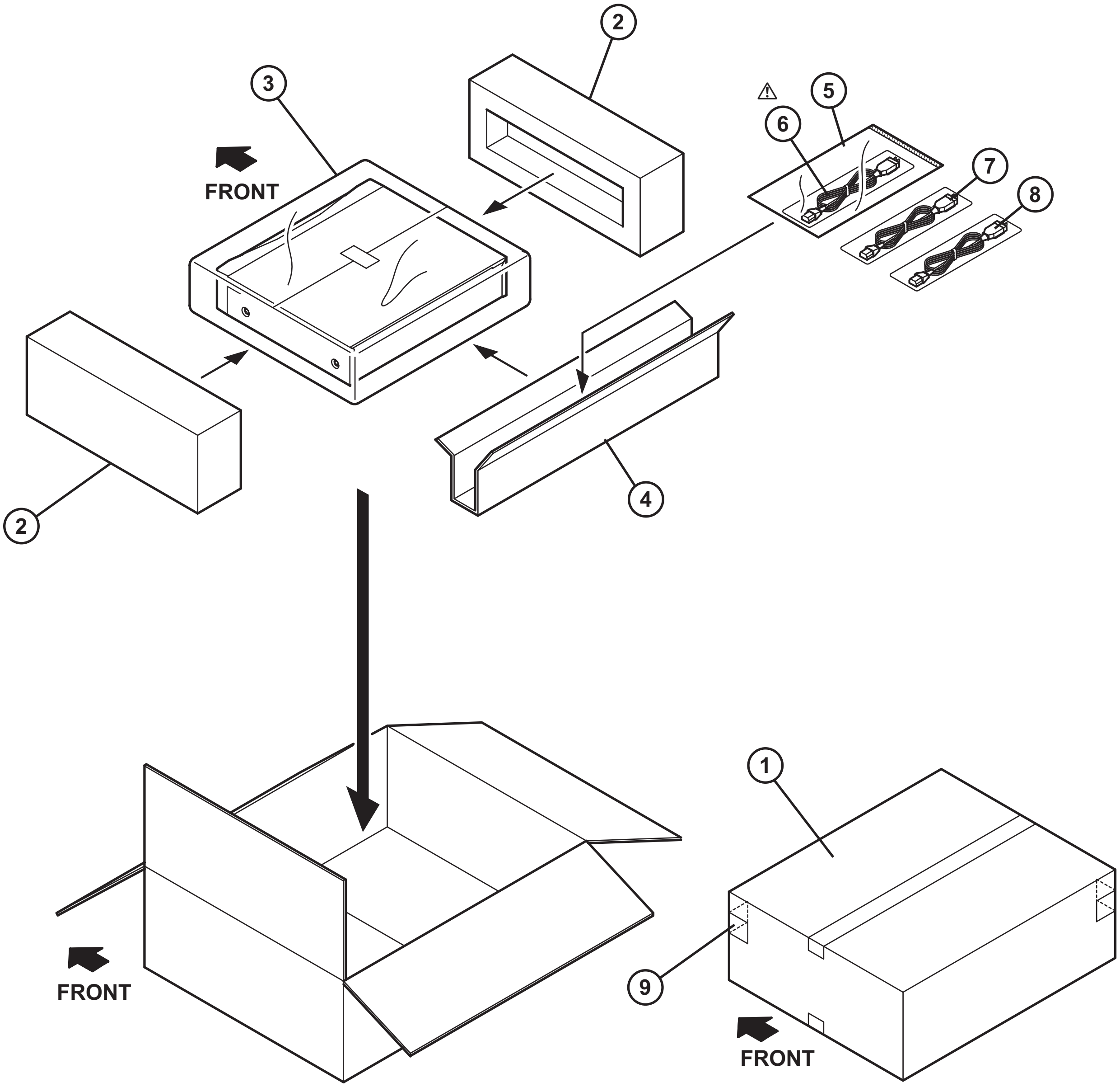
RECEIVER PW BOARD ASS'Y (LCA10476-03E) (SFP-0F303A)

REFER TO PARTS LIST IN PAGE PAGE 3-30 FOR THIS P.W. BOARD.

REAR JACK PW BOARD ASS'Y (LCA10444-03B) (SFP-0J302A)

REFER TO PARTS LIST IN PAGE PAGE 3-31 FOR THIS P.W. BOARD.

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description	Local
	1	LC32513-006B	PACKING CASE		
	2	LC11750-001A	CUSHION ASSY	2pcs in 1set	
	3	PQM30021-93	POLY BAG		
	4	LC21462-001B	ACCESSORY SHEET		
	5	QPA01203505	POLY BAG	12cm x 35cm	TU-Z50DX4
⚠	6	QMPL050-250-K	POWER CORD(EU)	2.5m BLACK	TU-Z50DX4
⚠	6	QMPB320-180-R	POWER CORD(EU)	1.8m BLACK	TU-Z50DX4/S
⚠	7	QMPP170-200-JC	POWER CORD(EK)	2m BLACK	
⚠	8	QMPB560-180-JC	POWER CORD(JP)	1.8m BLACK	TU-Z50DX4
	9	LC20989-001A-H	CORNER LABEL	(x3)	

JVC

SCHEMATIC DIAGRAMS

PDP COLOUR TELEVISION

PD-Z50DX4,
PD-Z50DX4/S

CD-ROM No.SML200502

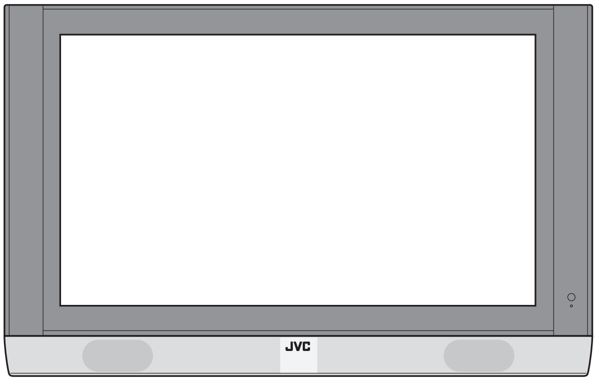
BASIC CHASSIS
FP2

D.I.S.T.
Digital Image Scaling Technology

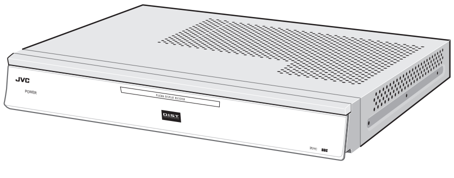
CINEMA SURROUND

BBE

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



VM-Z50DX4, VM-Z50DX4/S
[PLASMA DISPLAY UNIT]



TU-Z50DX4, TU-Z50DX4/S
[RECEIVER UNIT]

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2005/2

PD-Z50DX4, PD-Z50DX4/S

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety ciritical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div
	: V ⇒ 5ms / div
	: Otthers ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

∗ Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- ● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

∗ Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

∗ Electrolytic Capacitors
47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μH]
Others	: As specified

(4)Power Supply

═══	: B1	■■■■	: B2 (12V)
■□■□	: 9V	□□□□	: 5V

∗Respective voltage values are indicated

(5)Test point

◉	: Test point	○	: Only test point display

(6)Connecting method

▭	: Connector	○	: Wrapping or soldering
→≻— →⊁—	: Receptacle		

(7)Ground symbol

⊥	: LIVE side ground
⏊	: ISOLATED(NEUTRAL) side ground
⏚	: EARTH ground
▽	: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏊) side GND. Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time.
If the above precaution is not respected, a fuse or any parts will be broken.

◆ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

◆ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

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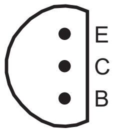
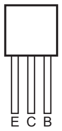
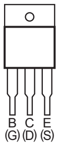
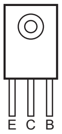
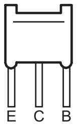
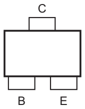
USING P.W. BOARD

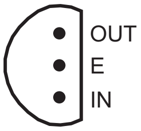
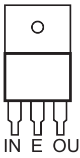
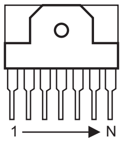
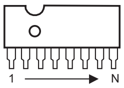
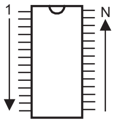
P.W.B ASS'Y name	PD-Z50DX4	PD-Z50DX4/S
RECEIVER PWB	LCA10476-03E (SFP-0F303A)	←
ANALOG SIGNAL PWB	LCA10423-12C (SFP-0A302A)	←
REAR JACK PWB	LCA10444-03B (SFP-0J302A)	←
DIGITAL SIGNAL PWB	LCA10428-41H (SFP-0D307A)	LCA10428-42H (SFP-0D308A)
FRONT CONTROL PWB	LCA10466-04B (SFP-8302A)	←
REGULATOR PWB	LCA10426-13C (SFP-9306A)	LCA10426-14C (SFP-9317A)
SYSTEM POWER PWB	LCA10443-03A (SFP-9316A)	←
DISPLAY INTERFACE PWB	LCA10360-09E (SFP-7307A)	LCA10360-10E (SFP-7308A)
AUDIO PWB	LCA90441-03B (SFP-6009A)	←
TEMP. SENSOR PWB	LCA90146-06B (SFP-8381A)	←
DISPLAY LED PWB	LCA90175-05B (SFP-0L269A)	←
DISPLAY SWITCH PWB	LCA90148-07C (SFP-0L367A)	←
LINE FILTER PWB	LCA90143-13B (SFP-9308A)	LCA90143-14B (SFP-9309A)
SUB POWER PWB	LCA10353-03D (SFP-9312A)	LCA10353-04D (SFP-9313A)

SEMICONDUCTOR SHAPES

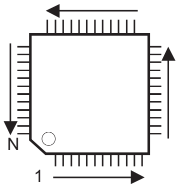
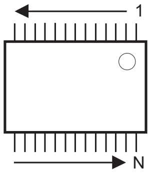
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

IC

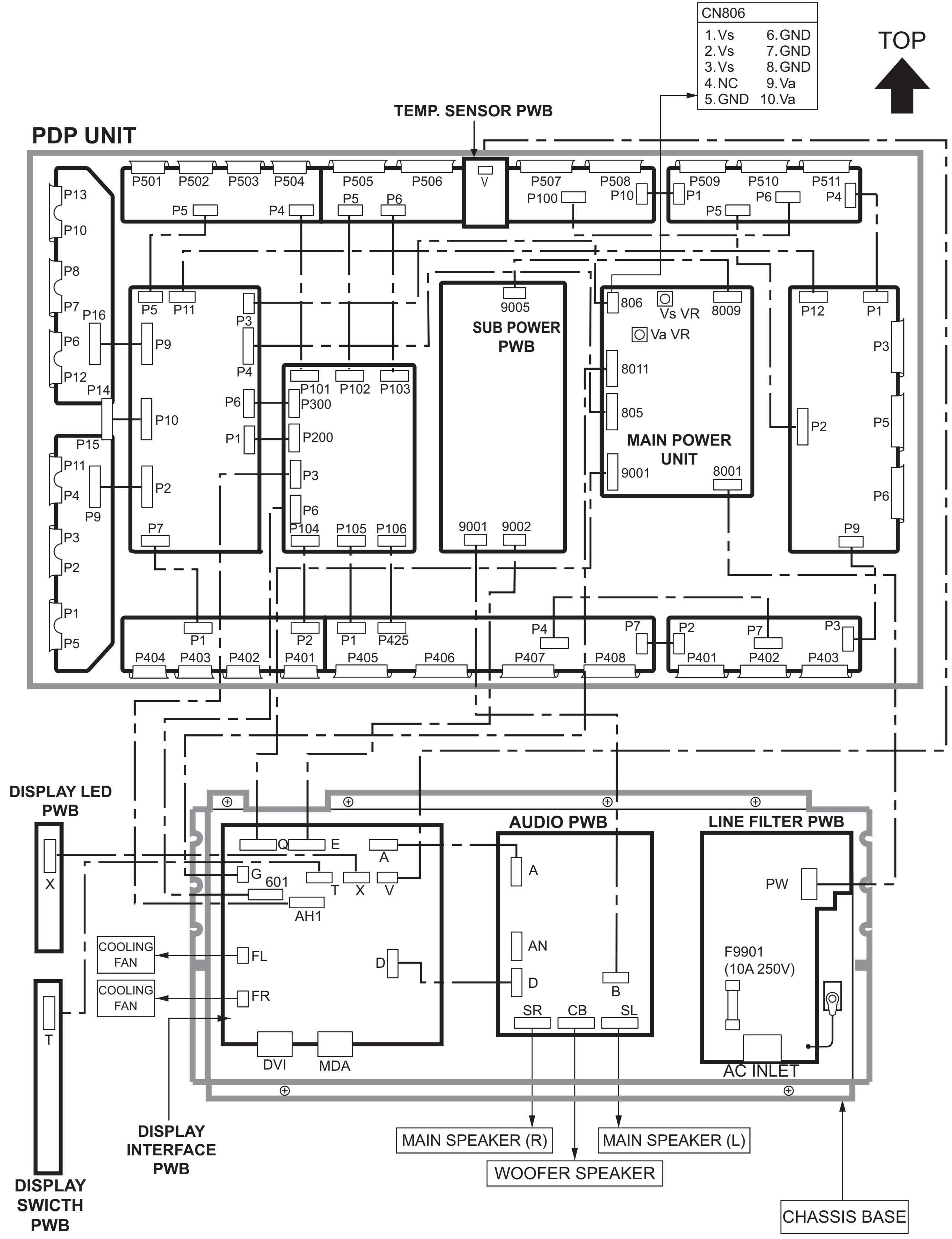
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

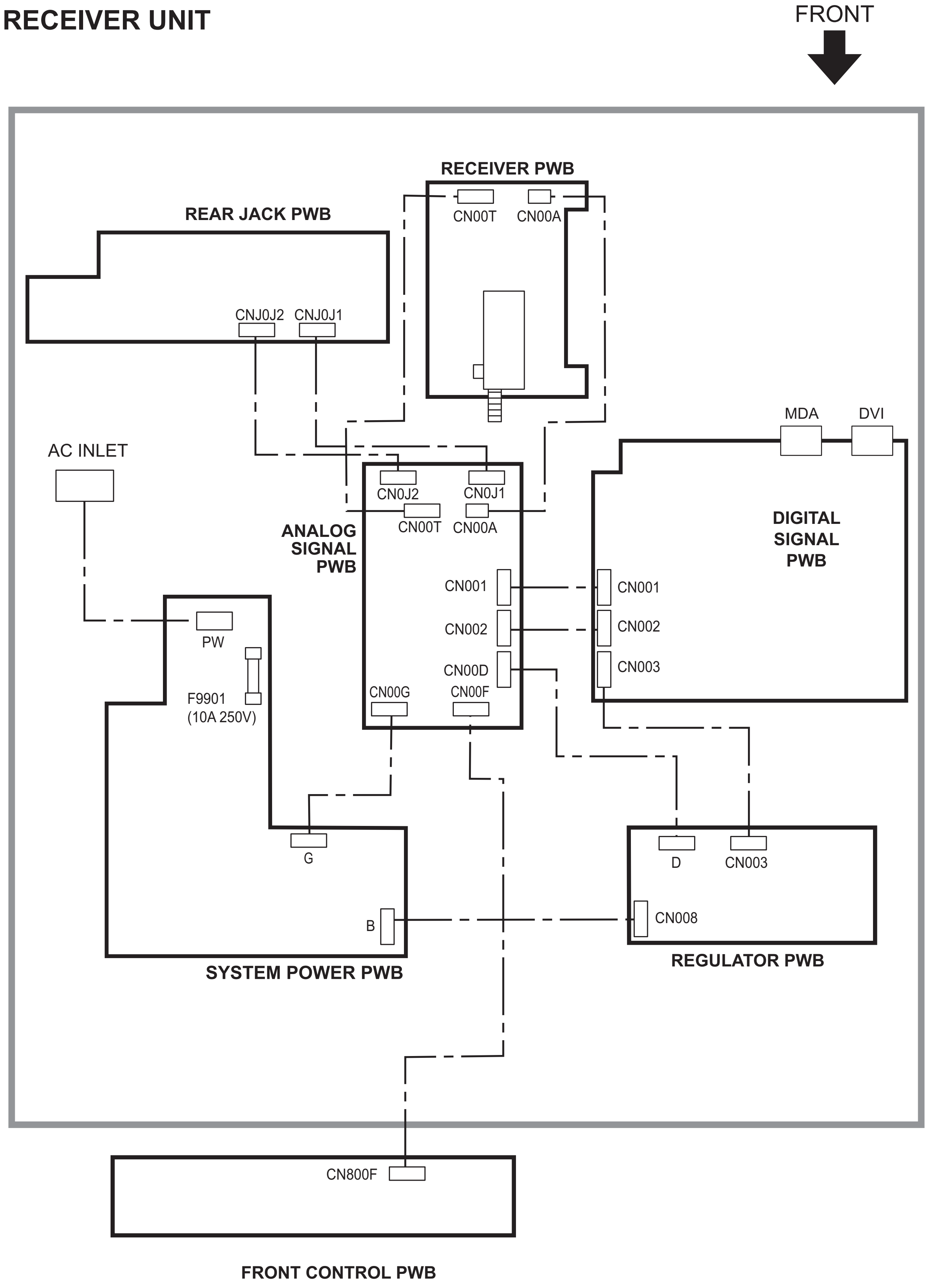
TOP VIEW		
		

WIRING & MAIN PARTS LOCATION

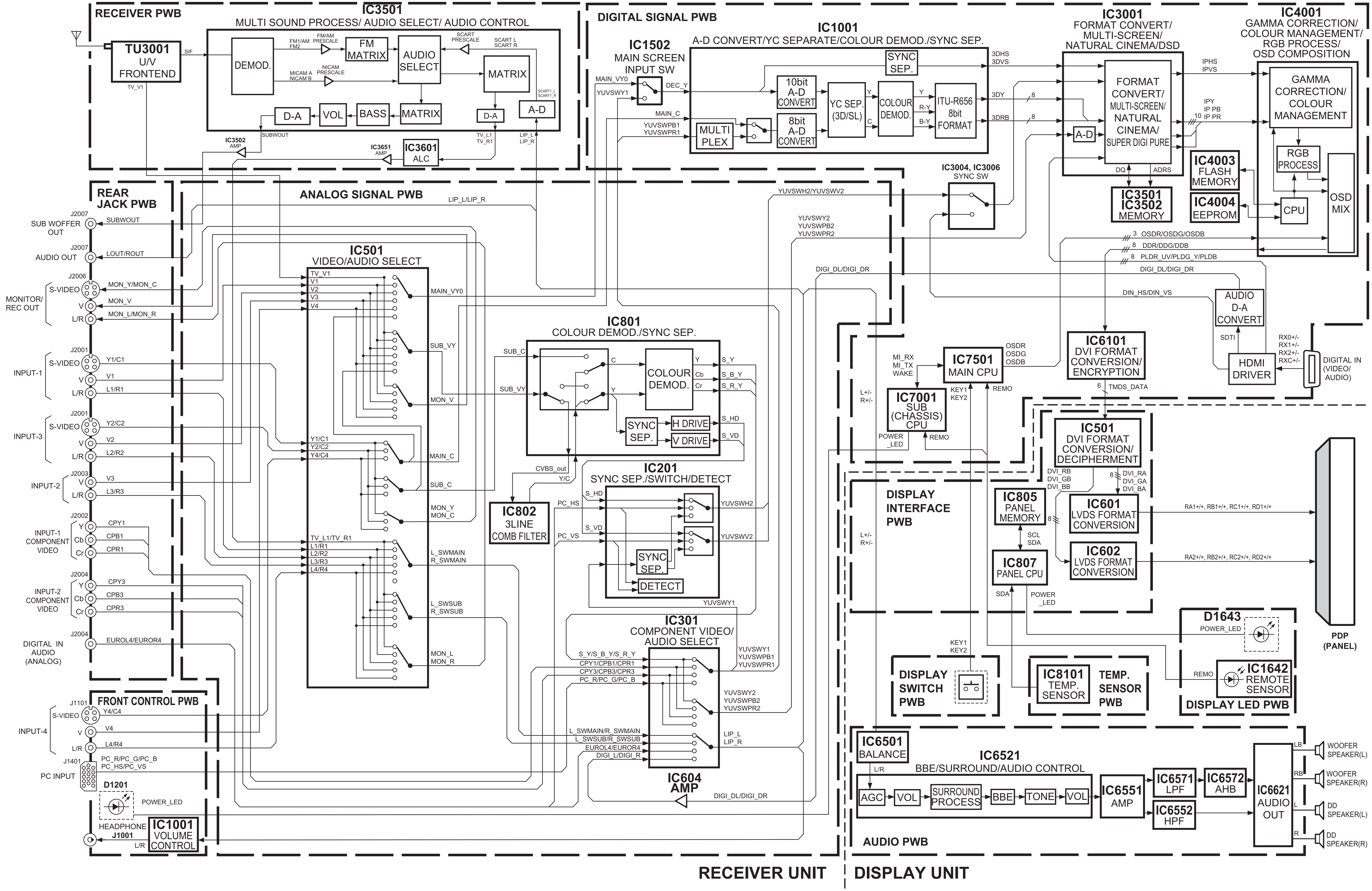
DISPLAY UNIT


CN806
1. Vs
2. Vs
3. Vs
4. NC
5. GND
6. GND
7. GND
8. GND
9. Va
10. Va
TOP
TEMP. SENSOR PWB
PDP UNIT
P501
P502
P503
P504
P505
P506
V
P507
P508
P509
P510
P511
P5
P4
P5
P6
P100
P10
P1
P5
P6
P4
P13
P10
P8
P7
P16
P6
P12
P14
P15
P11
P4
P9
P3
P2
P1
P5
P5
P11
P3
P9
P4
P6
P1
P10
P2
P7
P101
P102
P103
P300
P200
P3
P6
P104
P105
P106
9005
SUB POWER PWB
9001
9002
806
Vs VR
8009
Va VR
8011
805
MAIN POWER UNIT
9001
8001
P12
P1
P3
P2
P5
P6
P9
P1
P2
P1
P425
P4
P7
P2
P7
P3
P404
P403
P402
P401
P405
P406
P407
P408
P401
P402
P403
DISPLAY LED PWB
X
Q
E
A
G
601
T
X
V
AH1
FL
FR
D
DVI
MDA
COOLING FAN
COOLING FAN
T
AUDIO PWB
A
AN
D
B
SR
CB
SL
LINE FILTER PWB
PW
F9901
(10A 250V)
AC INLET
DISPLAY INTERFACE PWB
DISPLAY SWICTH PWB
MAIN SPEAKER (R)
MAIN SPEAKER (L)
WOOFER SPEAKER
CHASSIS BASE

RECEIVER UNIT

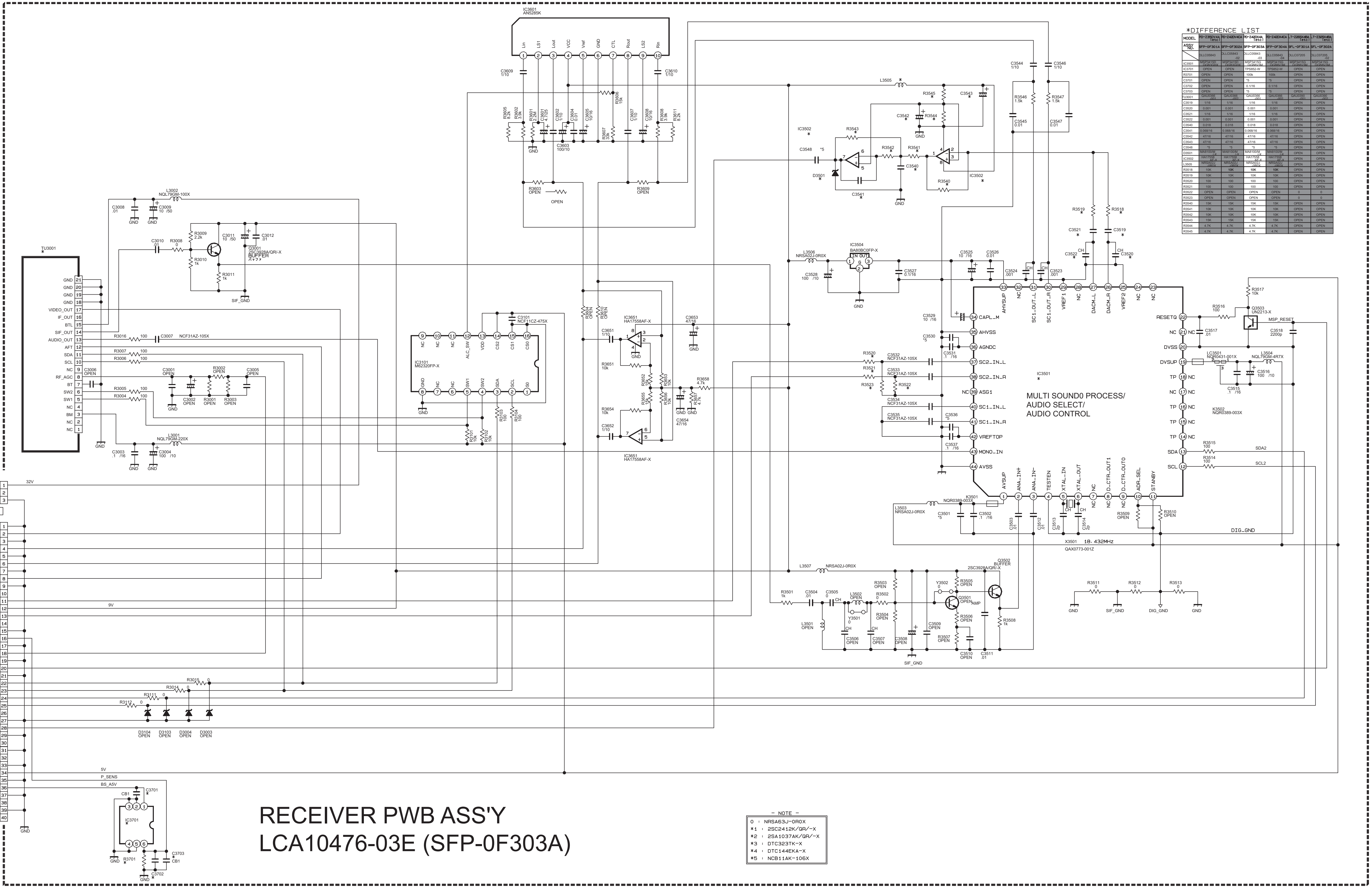

FRONT
RECEIVER PWB
CN00T
CN00A
REAR JACK PWB
CNJ0J2
CNJ0J1
AC INLET
MDA
DVI
CN0J2
CN0J1
CN00T
CN00A
ANALOG SIGNAL PWB
DIGITAL SIGNAL PWB
CN001
CN002
CN00D
CN001
CN002
CN003
PW
F9901
(10A 250V)
CN00G
CN00F
G
B
D
CN003
CN008
SYSTEM POWER PWB
REGULATOR PWB
CN800F
FRONT CONTROL PWB

BLOCK DIAGRAM


RECEIVER PWB
IC3501
MULTI SOUND PROCESS/ AUDIO SELECT/ AUDIO CONTROL
TU3001
U/V
FRONTEND
SIF
TV_V1
DEMOD.
FM1/AM
FM2
FM/AM PRESCALE
FM MATRIX
AUDIO SELECT
SCART PRESCALE
SCART L
SCART R
MICAM A
MICAM B
NICAM PRESCALE
MATRIX
SCART1_L
SCART1_R
D-A
VOL
BASS
MATRIX
D-A
A-D
SUBWOUT
TV_L1
TV_R1
LIP_L
LIP_R
IC3502
AMP
IC3651
AMP
IC3601
ALC
DIGITAL SIGNAL PWB
IC1001
A-D CONVERT/YC SEPARATE/COLOUR DEMOD./SYNC SEP.
IC1502
MAIN SCREEN
INPUT SW
MAIN_VY0
YUVSWY1
DEC_Y
MAIN_C
YUVSWPB1
YUVSWPR1
MULTI PLEX
10bit A-D CONVERT
8bit A-D CONVERT
SYNC SEP.
YC SEP. (3D/SL)
COLOUR DEMOD.
ITU-R656 8bit FORMAT
Y
C
Y
R-Y
B-Y
3DHS
3DVS
3DY
3DRB
8
IC3001
FORMAT CONVERT/
MULTI-SCREEN/
NATURAL CINEMA/DSD
FORMAT CONVERT/ MULTI-SCREEN/ NATURAL CINEMA/ SUPER DIGI PURE
A-D
DQ
ADRS
IC3501
IC3502
MEMORY
IPHS
IPVS
IPY
IP PB
IP PR
10
IC4001
GAMMA CORRECTION/
COLOUR MANAGEMENT/
RGB PROCESS/
OSD COMPOSITION
GAMMA CORRECTION/ COLOUR MANAGEMENT
RGB PROCESS
OSD MIX
CPU
IC4003
FLASH MEMORY
IC4004
EEPROM
IC3004, IC3006
SYNC SW
YUVSWH2/YUVSWV2
YUVSWY2
YUVSWPB2
YUVSWPR2
3 OSDR/OSDG/OSDB
8 DDR/DDG/DDB
8 PLDR_UV/PLDG_Y/PLDB
DIGI_DL/DIGI_DR
DIN_HS/DIN_VS
AUDIO D-A CONVERT
SDTI
HDMI DRIVER
RX0+/-
RX1+/-
RX2+/-
RXC+/-
DIGITAL IN (VIDEO/ AUDIO)
REAR JACK PWB
ANALOG SIGNAL PWB
LIP_L/LIP_R
J2007
SUB WOFFER OUT
SUBWOUT
J2007
AUDIO OUT
LOUT/ROUT
J2006
MONITOR/ REC OUT
S-VIDEO
V
L/R
MON_Y/MON_C
MON_V
MON_L/MON_R
J2001
INPUT-1
Y1/C1
V1
L1/R1
J2001
INPUT-3
Y2/C2
V2
L2/R2
J2003
INPUT-2
V3
L3/R3
J2002
INPUT-1 COMPONENT VIDEO
Y
Cb
Cr
CPY1
CPB1
CPR1
J2004
INPUT-2 COMPONENT VIDEO
CPY3
CPB3
CPR3
J2004
DIGITAL IN AUDIO (ANALOG)
EUROL4/EUROR4
IC501
VIDEO/AUDIO SELECT
TV_V1
V1
V2
V3
V4
MAIN_VY0
SUB_VY
MON_V
Y1/C1
Y2/C2
Y4/C4
MAIN_C
SUB_C
MON_Y
MON_C
TV_L1/TV_R1
L1/R1
L2/R2
L3/R3
L4/R4
L_SWMAIN
R_SWMAIN
L_SWSUB
R_SWSUB
MON_L
MON_R
IC801
COLOUR DEMOD./SYNC SEP.
SUB_C
SUB_VY
C
Y
COLOUR DEMOD.
Y
Cb
Cr
S_Y
S_B_Y
S_R_Y
SYNC SEP.
H DRIVE
V DRIVE
S_HD
S_VD
CVBS_out
Y/C
IC802
3LINE
COMB FILTER
IC201
SYNC SEP./SWITCH/DETECT
S_HD
PC_HS
S_VD
PC_VS
SYNC SEP.
DETECT
YUVSWH2
YUVSWV2
YUVSWY1
IC301
COMPONENT VIDEO/ AUDIO SELECT
S_Y/S_B_Y/S_R_Y
CPY1/CPB1/CPR1
CPY3/CPB3/CPR3
PC_R/PC_G/PC_B
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
L_SWMAIN/R_SWMAIN
L_SWSUB/R_SWSUB
EUROL4/EUROR4
DIGI_L/DIGI_R
LIP_L
LIP_R
IC604
AMP
DIGI_DL/DIGI_DR
FRONT CONTROL PWB
J1101
INPUT-4
S-VIDEO
V
L/R
Y4/C4
V4
L4/R4
J1401
PC INPUT
PC_R/PC_G/PC_B
PC_HS/PC_VS
D1201
POWER_LED
HEADPHONE
J1001
L/R
IC1001
VOLUME CONTROL
MI_RX
MI_TX
WAKE
IC7501
MAIN CPU
OSDR
OSDG
OSDB
KEY1
KEY2
REMO
IC7001
SUB (CHASSIS) CPU
POWER _LED
REMO
L+/-
R+/-
IC6101
DVI FORMAT CONVERSION/ ENCRYPTION
6 TMDS_DATA
IC501
DVI FORMAT CONVERSION/ DECIPHERMENT
DVI_RB
DVI_GB
DVI_BB
8
DVI_RA
DVI_GA
DVI_BA
DISPLAY INTERFACE PWB
L+/-
R+/-
IC805
PANEL MEMORY
IC601
LVDS FORMAT CONVERSION
8
SCL
SDA
IC807
PANEL CPU
IC602
LVDS FORMAT CONVERSION
RA1+/+, RB1+/+, RC1+/+, RD1+/+
RA2+/+, RB2+/+, RC2+/+, RD2+/+
SDA
POWER _LED
PDP (PANEL)
D1643
POWER_LED
KEY1
KEY2
DISPLAY SWITCH PWB
IC8101
TEMP. SENSOR
TEMP. SENSOR PWB
REMO
IC1642
REMOTE SENSOR
DISPLAY LED PWB
IC6501
BALANCE
L/R
IC6521
BBE/SURROUND/AUDIO CONTROL
AGC
VOL
SURROUND PROCESS
BBE
TONE
VOL
IC6551
AMP
IC6571
LPF
IC6572
AHB
IC6552
HPF
IC6621
AUDIO OUT
LB
RB
L
R
WOOFER SPEAKER(L)
WOOFER SPEAKER(R)
DD SPEAKER(L)
DD SPEAKER(R)
AUDIO PWB
RECEIVER UNIT
DISPLAY UNIT

CIRCUIT DIAGRAMS [RECEIVER UNIT]

RECEIVER PWB CIRCUIT DIAGRAM SHEET 1


IC3601
AN5285K
Lin
LS1
Lout
VCC
Vref
GND
CTL
Rout
LS2
Rin
TU3001
GND
VIDEO_OUT
IF_OUT
BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
SCL
NC
RF_AGC
BT
SW2
SW1
BM
Q3001
2SC3928A/QR/-X
BUFFER
SIF_GND
L3002
NQL79GM-100X
L3001
NQL79GM-220X
IC3101
M62320FP-X
ALC_SW
VDD
CS2
CS1
CS0
C3101
NCF11CZ-475X
IC3651
HA17558AF-X
IC3502
D3501
IC3504
BA00BC0FP-X
IN OUT
L3505
L3506
NRSA02J-0R0X
IC3501
MULTI SOUND0 PROCESS/
AUDIO SELECT/
AUDIO CONTROL
K3502
NQR0389-003X
CAPL_M
AHVSS
AGNDC
SC2_IN_L
SC2_IN_R
ASG1
SC1_IN_L
SC1_IN_R
VREFTOP
MONO_IN
AVSS
AHVSUP
SC1_OUT_L
SC1_OUT_R
VREF1
DACM_L
DACM_R
VREF2
RESETQ
DVSS
DVSUP
TP
SDA
SCL
ANA_IN+
ANA_IN-
TESTEN
XTAL_IN
XTAL_OUT
D_CTR_OUT1
D_CTR_OUT0
ADR_SEL
STANBY
X3501
18.432MHz
QAX0773-001Z
Q3503
UN2213-X
MSP_RESET
SDA2
SCL2
DIG_GND
Q3502
2SC3928A/QR/-X
BUFFER
Q3501
AMP
L3507
NRSA02J-0R0X
CNF00A
QGA2001C2-03V
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00A (SHEET2)
32V
NC
GND
CNF00T
QGF0508F1-40X
ANALOG SIGNAL
PWB ASS'Y(1/5)
CN00T (SHEET2)
GND
TV_V1
TV_L1
TV_R1
AFT1
LIPL
9V
LIPR
BS_A9V
TU_ATT
AGC
MSP_RST
SDA3A
SCL3A
SDA3B
SCL3B
AFT2
SUBWOUT
TV_L2
TV_R2
5V
P_SENS
BS_A5V
IC3701
CB1
D3104
D3103
D3004
D3003
OPEN

RECEIVER PWB ASS'Y
LCA10476-03E (SFP-0F303A)

*DIFFERENCE LIST

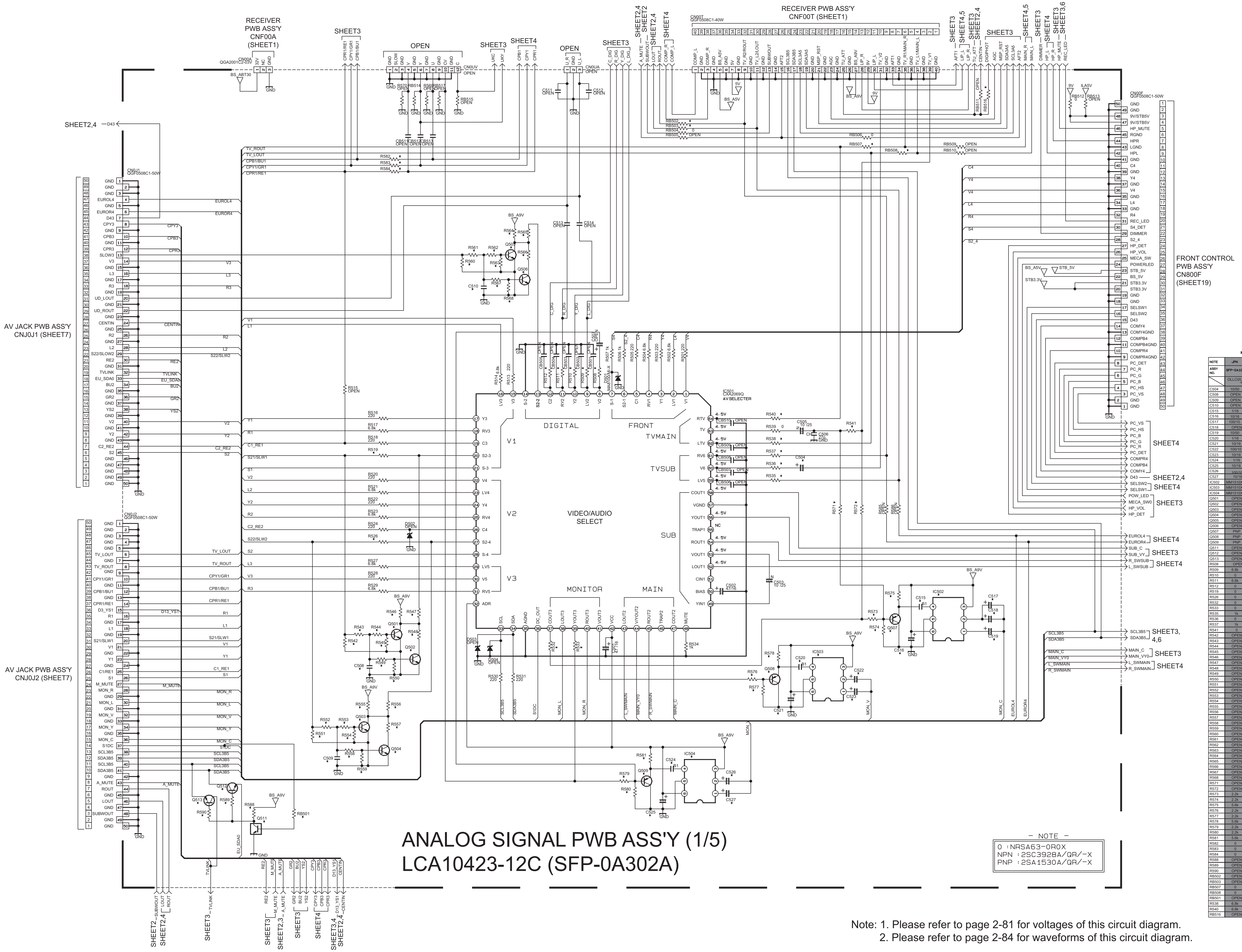
MODEL	PD-Z35DV4A (etc)	PD-Z42DV4CA	PD-Z42DX4A (etc)	PD-Z42DX4CA	LT-Z26SX4BA (etc)	LT-Z32SX4BA (etc)
ASSY NO.	SFP-0F301A	SFP-0F302A	SFP-0F303A	SFP-0F304A	SFL-0F301A	SFL-0F302A
	OLLC05843	OLLC05843 -02	OLLC05843 -03	OLLC05843 -04	OLLC07205	OLLC07205 -02
IC3501	MSP3415D QGB3GHX	MSP3415D QGB3GHX	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M	MSP3415G QGB8V3M
IC3701	OPEN	OPEN	TPS852-W	TPS852-W	OPEN	OPEN
R3701	OPEN	OPEN	100k	100k	OPEN	OPEN
C3701	OPEN	OPEN	*5	*5	OPEN	OPEN
C3702	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN
C3703	OPEN	OPEN	*5	*5	OPEN	OPEN
TU3001	QAU0366 -001	QAU0366 -002	QAU0366 -001	QAU0366 -002	QAU0390 -001	QAU0390 -002
C3519	1/16	1/16	1/16	1/16	OPEN	OPEN
C3520	0.001	0.001	0.001	0.001	OPEN	OPEN
C3521	1/16	1/16	1/16	1/16	OPEN	OPEN
C3522	0.001	0.001	0.001	0.001	OPEN	OPEN
C3540	0.018	0.018	0.018	0.018	OPEN	OPEN
C3541	0.068/16	0.068/16	0.068/16	0.068/16	OPEN	OPEN
C3542	47/16	47/16	47/16	47/16	OPEN	OPEN
C3543	47/16	47/16	47/16	47/16	OPEN	OPEN
C3548	*5	*5	*5	*5	OPEN	OPEN
D3501	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	MA8100/M /-X	OPEN	OPEN
IC3502	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	HA17558 AF-X	OPEN	OPEN
L3505	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN
R3518	10K	10K	10K	10K	OPEN	OPEN
R3519	10K	10K	10K	10K	OPEN	OPEN
R3520	100	100	100	100	OPEN	OPEN
R3521	100	100	100	100	OPEN	OPEN
R3522	OPEN	OPEN	OPEN	OPEN	0	0
R3523	OPEN	OPEN	OPEN	OPEN	0	0
R3540	15K	15K	15K	15K	OPEN	OPEN
R3541	10K	10K	10K	10K	OPEN	OPEN
R3542	10K	10K	10K	10K	OPEN	OPEN
R3543	15K	15K	15K	15K	OPEN	OPEN
R3544	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN
R3545	4.7K	4.7K	4.7K	4.7K	OPEN	OPEN

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC2412K/QR/-X
*2 : 2SA1037AK/QR/-X
*3 : DTC323TK-X
*4 : DTC144EKA-X
*5 : NCB11AK-106X

c10279001b_1102_1/1_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2


RECEIVER PWB ASS'Y CNF00A (SHEET1)
RECEIVER PWB ASS'Y CNF00T (SHEET1)
FRONT CONTROL PWB ASS'Y CN800F (SHEET19)
AV JACK PWB ASS'Y CNJ0J1 (SHEET7)
AV JACK PWB ASS'Y CNJ0J2 (SHEET7)
IC501 CXA2069Q AV SELECTER
VIDEO/AUDIO SELECT
DIGITAL
FRONT
TVMAIN
TVSUB
SUB
MONITOR
MAIN
V1
V2
V3
SHEET2,4
SHEET3
SHEET4
SHEET3,4,6
SHEET2,3
IC502
IC503
IC504
Q501
Q502
Q503
Q504
Q505
Q506
Q507
Q508
Q509
Q511
Q512
Q513
BS_A9V
STB_5V
GND
OPEN

ANALOG SIGNAL PWB ASS'Y (1/5)
LCA10423-12C (SFP-0A302A)

– NOTE –
O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

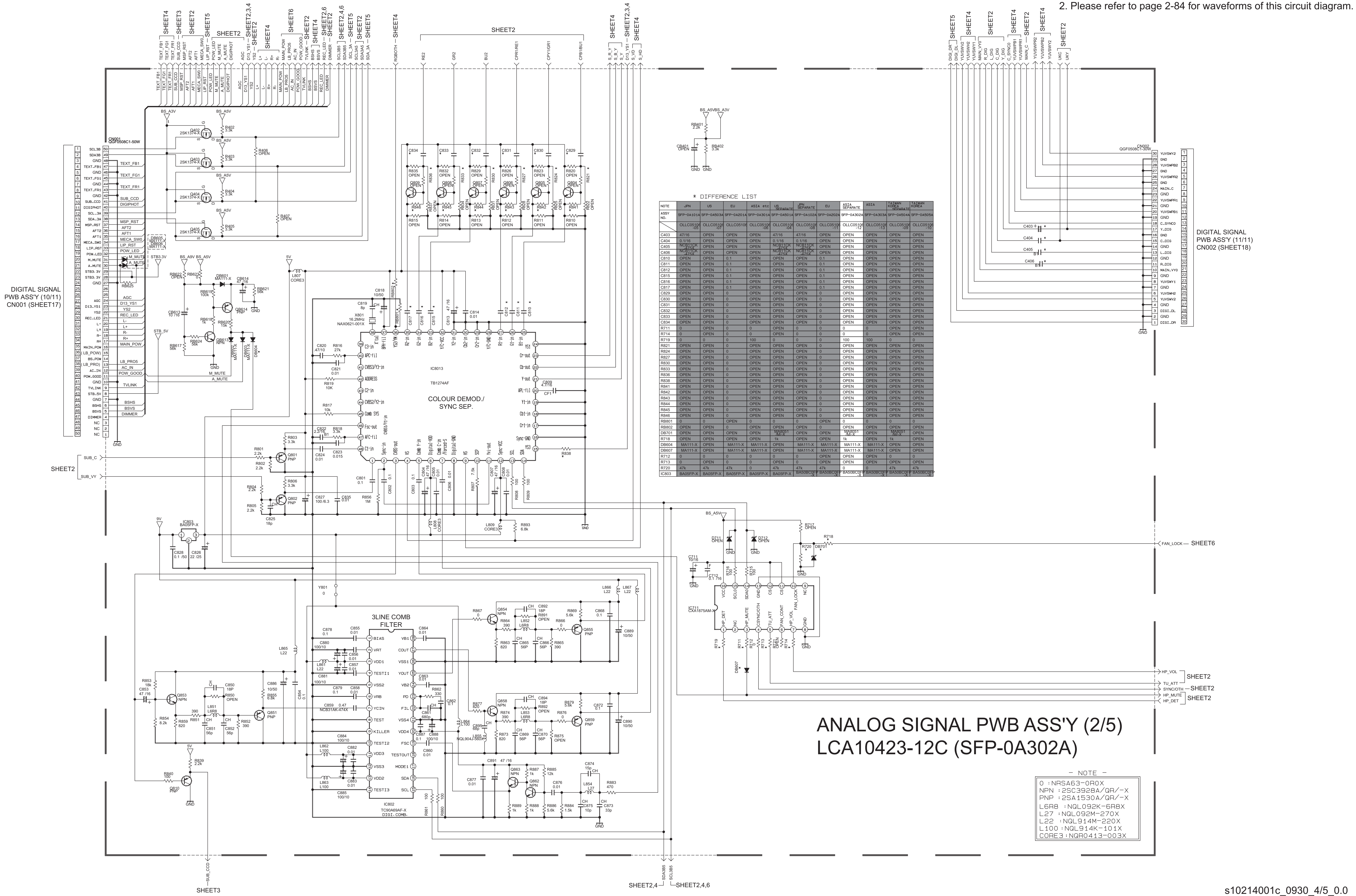
* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
C504	10/50	OPEN	OPEN	OPEN	OPEN	10/50	OPEN	OPEN	OPEN	OPEN	OPEN
C508	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C509	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C510	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	0.001	OPEN	OPEN	OPEN	OPEN
C515	1/16	OPEN	1/16	OPEN	1/16	1/16	1/16	OPEN	OPEN	OPEN	OPEN
C516	10/16	OPEN	10/16	OPEN	10/16	10/16	10/16	OPEN	OPEN	OPEN	OPEN
C517	100/10	OPEN	100/10	OPEN	100/10	100/10	100/10	OPEN	OPEN	OPEN	OPEN
C518	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C519	10/50	OPEN	10/50	OPEN	10/50	10/50	10/50	OPEN	OPEN	OPEN	OPEN
C520	1/16	OPEN	1/16	1/16	1/16	1/16	1/16	1/16	1/16	OPEN	OPEN
C521	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C522	100/10	OPEN	100/10	100/10	100/10	100/10	100/10	100/10	100/10	OPEN	OPEN
C523	10/16	OPEN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	OPEN	OPEN
C524	1/16	OPEN	OPEN	OPEN	1/16	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C525	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
C526	100/10	OPEN	OPEN	OPEN	100/10	100/10	OPEN	OPEN	OPEN	OPEN	OPEN
C527	10/16	OPEN	OPEN	OPEN	10/16	10/16	OPEN	OPEN	OPEN	OPEN	OPEN
IC502	MM1510XN-X	OPEN	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN
IC503	MM1510XN-X	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN
IC504	MM1510XN-X	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN
Q501	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q502	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q503	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q504	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q505	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q506	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q507	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q508	PNP	OPEN	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN
Q509	PNP	OPEN	PNP	OPEN	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN
Q511	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	UN2213-X	OPEN	OPEN	OPEN	OPEN
Q512	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q513	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
R508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R509	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R510	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R511	6.8k	OPEN	OPEN	OPEN	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN	OPEN
R512	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN
R519	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R526	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R532	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R533	0	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	0	OPEN
R535	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R536	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R537	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	OPEN
R541	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R542	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R543	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R544	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R545	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R546	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R547	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R548	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R549	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R550	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R551	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R552	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R553	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R554	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R555	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R556	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R557	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R558	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R559	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R560	OPEN	OPEN	22k	OPEN	OPEN	OPEN	22k	OPEN	OPEN	OPEN	OPEN
R561	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R562	OPEN	OPEN	82k	OPEN	OPEN	OPEN	82k	OPEN	OPEN	OPEN	OPEN
R563	OPEN	OPEN	15k	OPEN	OPEN	OPEN	15k	OPEN	OPEN	OPEN	OPEN
R564	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R565	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R566	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R567	OPEN	OPEN	47k	OPEN	OPEN	OPEN	47k	OPEN	OPEN	OPEN	OPEN
R568	OPEN	OPEN	27k	OPEN	OPEN	OPEN	27k	OPEN	OPEN	OPEN	OPEN
R571	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R572	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R573	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R574	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R575	5.6k	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN
R576	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R577	2.2k	OPEN	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	2.2k	OPEN	OPEN
R578	5.6k	OPEN	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	5.6k	OPEN	OPEN
R579	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R580	2.2k	OPEN	OPEN	OPEN	2.2k	2.2k	OPEN	OPEN	OPEN	OPEN	OPEN
R581	5.6k	OPEN	OPEN	OPEN	5.6k	5.6k	OPEN	OPEN	OPEN	OPEN	OPEN
R582	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R583	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R584	0	0	OPEN	0	0	0	OPEN	0	0	0	0
R588	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R589	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R590	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
RB502	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB503	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
RB507	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB508	0	OPEN	0	0	0	0	0	0	0	0	OPEN
RB501	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R538	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
R540	6.8k	18k	18k	18k	6.8k	6.8k	18k	18k	18k	6.8k	18k
RB516	OPEN	0	OPEN	OPEN	0	OPEN	0	0	0	0	0

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.


DIGITAL SIGNAL PWB ASS'Y (10/11) CN001 (SHEET17)
CN001 QGF0508C1-50W
DIGITAL SIGNAL PWB ASS'Y (11/11) CN002 (SHEET18)
CN002 QGF0508C1-30W
IC8013
TB1274AF
COLOUR DEMOD./ SYNC SEP.
3LINE COMB FILTER
IC802
TC90A69AF-X
DIGI.COMB.
IC711
CXA1875AM-X
IC803
BA05FP-X
X801
16.2MHz
NAX0621-001X
SHEET2
SHEET3
SHEET4
SHEET5
SHEET6
SHEET2,4
SHEET2,4,6
FAN_LOCK
HP_VOL
TU_ATT
SYNC/OTH
HP_MUTE
HP_DET
SUB_C
SUB_VY
SUB_CCD
SDA3B5
SCL3B5

* DIFFERENCE LIST

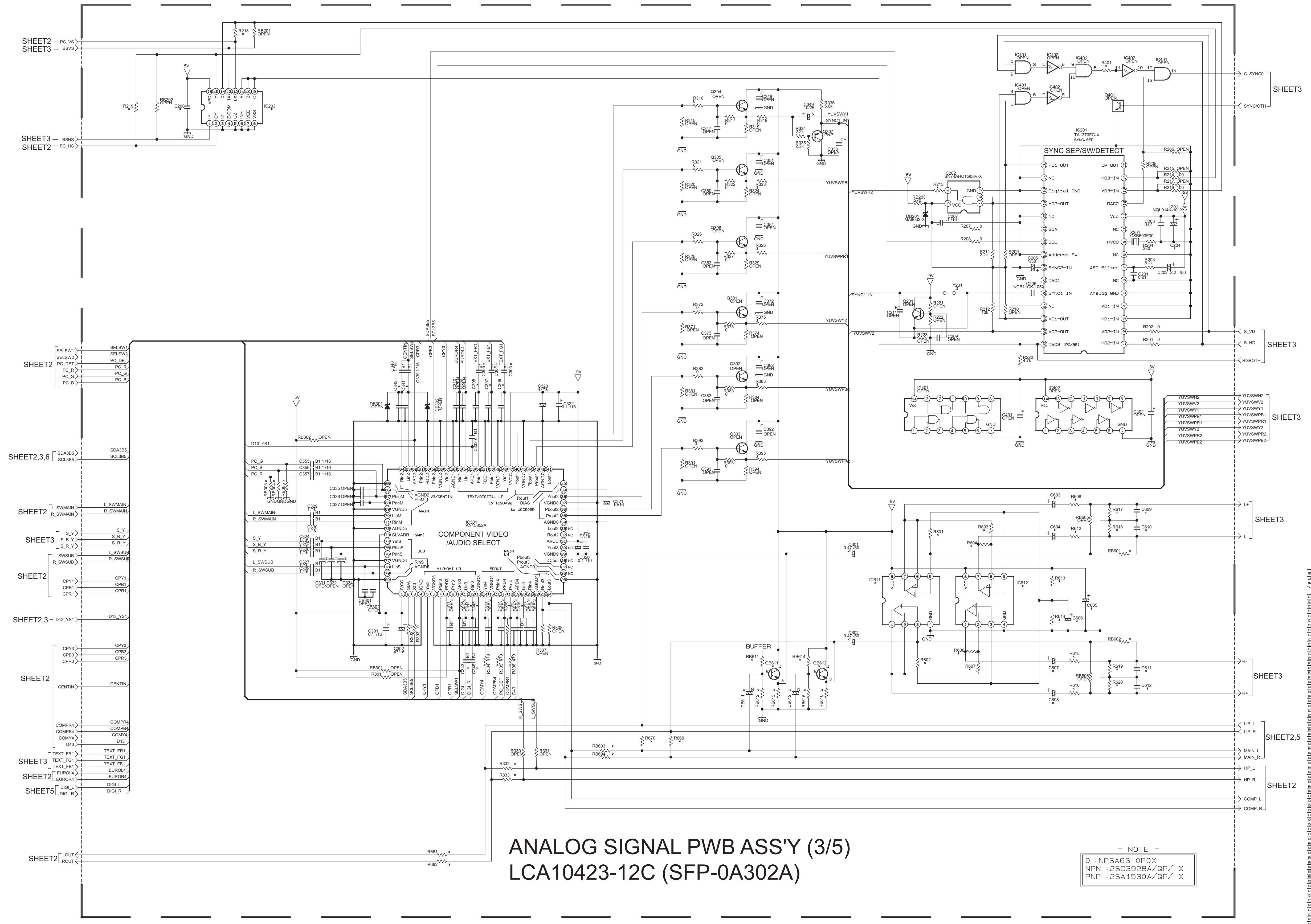
NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106 -05	OLLC05106 -07	OLLC05106	OLLC05106 -06	OLLC05106 -04	OLLC05106 -08	OLLC05106 -11	OLLC05106 -12	OLLC05106 -13	OLLC05106 -09	OLLC05106 -10
C403	47/16	OPEN	OPEN	OPEN	47/16	47/16	OPEN	OPEN	OPEN	OPEN	OPEN
C404	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C405	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C406	NCB11CK -475X	OPEN	OPEN	OPEN	NCB11CK -475X	NCB11CK -475X	OPEN	OPEN	OPEN	OPEN	OPEN
C810	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C811	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C812	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C815	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C816	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C817	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	0.1	OPEN	OPEN	OPEN	OPEN
C829	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C831	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C832	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
C834	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R711	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R714	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R719	0	0	0	100	0	0	0	100	100	0	0
R821	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R824	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R827	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R830	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R833	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R836	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R838	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R841	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R842	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R843	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R844	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R845	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R846	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
RB801	0	0	OPEN	0	0	0	OPEN	0	0	0	0
RB802	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
DB701	OPEN	OPEN	OPEN	OPEN	MA8051 /M/-X	OPEN	OPEN	MA8051 /M/-X	OPEN	MA8051 /M/-X	OPEN
R718	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	1k	OPEN
DB604	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
DB607	MA111-X	OPEN	MA111-X	MA111-X	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN
R712	0	0	0	0	0	0	OPEN	OPEN	OPEN	0	0
R713	0	OPEN	0	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
R720	47k	47k	47k	0	47k	47k	47k	0	0	47k	47k
IC803	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X	BA50BC0FP -X

ANALOG SIGNAL PWB ASS'Y (2/5)
LCA10423-12C (SFP-0A302A)

- NOTE -

O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X
L6R8 :NQL092K-6R8X
L27 :NQL092M-270X
L22 :NQL914M-220X
L100 :NQL914K-101X
CORE3 :NQR0413-003X

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (3/5) SHEET 4


SHEET2
SHEET3
PC_VS
BSVS
BSHS
PC_HS
IC203
R218
RB201
RB202
R219
C208
5V
GND
Q304
Q305
Q306
Q301
Q302
Q303
Q307
YUVSWY1
SYNC1_IN
YUVSWPB
YUVSWH2
YUVSWPR1
SYNC1_IN
YUVSWY2
YUVSWV2
YUVSWPR
IC401
IC402
IC403
Q401
C_SYNC0
SYNC/OTH
IC201
TA1370FG-X
SYNC SEP/SW/DETECT
IC202
SN74AHC1G08V-X
DB201
MA8033-X
Y201
X201
L201
HD1-OUT
NC
Digital GND
HD2-OUT
SDA
SCL
Address SW
SYNC2-IN
DAC1
SYNC1-IN
VD1-OUT
VD2-OUT
DAC3 (PC/BS)
CP-OUT
HD3-IN
VD3-IN
DAC2
Vcc
HVCO
AFC Filter
Analog GND
VD1-IN
HD1-IN
VD2-IN
HD2-IN
S_VD
S_HD
RGBOTH
IC4A1
IC4A2
YUVSWH2
YUVSWV2
YUVSWY1
YUVSWPB1
YUVSWPR1
YUVSWY2
YUVSWPB2
YUVSWPR2
SHEET2,3,6
SDA3B5
SCL3B5
SELSW1
SELSW2
PC_DET
PC_R
PC_G
PC_B
L_SWMAIN
R_SWMAIN
S_Y
S_B_Y
S_R_Y
L_SWSUB
R_SWSUB
CPY1
CPB1
CPR1
SHEET2,3
D13_YS1
CPY3
CPB3
CPR3
CENTIN
COMPR4
COMPB4
COMY4
D43
TEXT_FR1
TEXT_FG1
TEXT_FB1
EUROL4
EUROR4
SHEET5
DIGI_L
DIGI_R
LOUT
ROUT
IC301
AN15852A
COMPONENT VIDEO
/AUDIO SELECT
MAIN
SUB
FRONT
V3/CENTIN
TEXT/DIGITAL LR
to TC90A92
to JCC5055
V1/HDMI LR
BIAS
9V
BUFFER
QB611
QB612
RB611
RB614
IC611
IC612
L+
L-
R-
R+
LIP_L
LIP_R
MAIN_L
MAIN_R
HP_L
HP_R
COMP_L
COMP_R
SHEET2,5
R661
R662
RB603
RB604
R670
R669
R330
R331
R332
R333

ANALOG SIGNAL PWB ASS'Y (3/5)
LCA10423-12C (SFP-0A302A)

- NOTE -
O :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

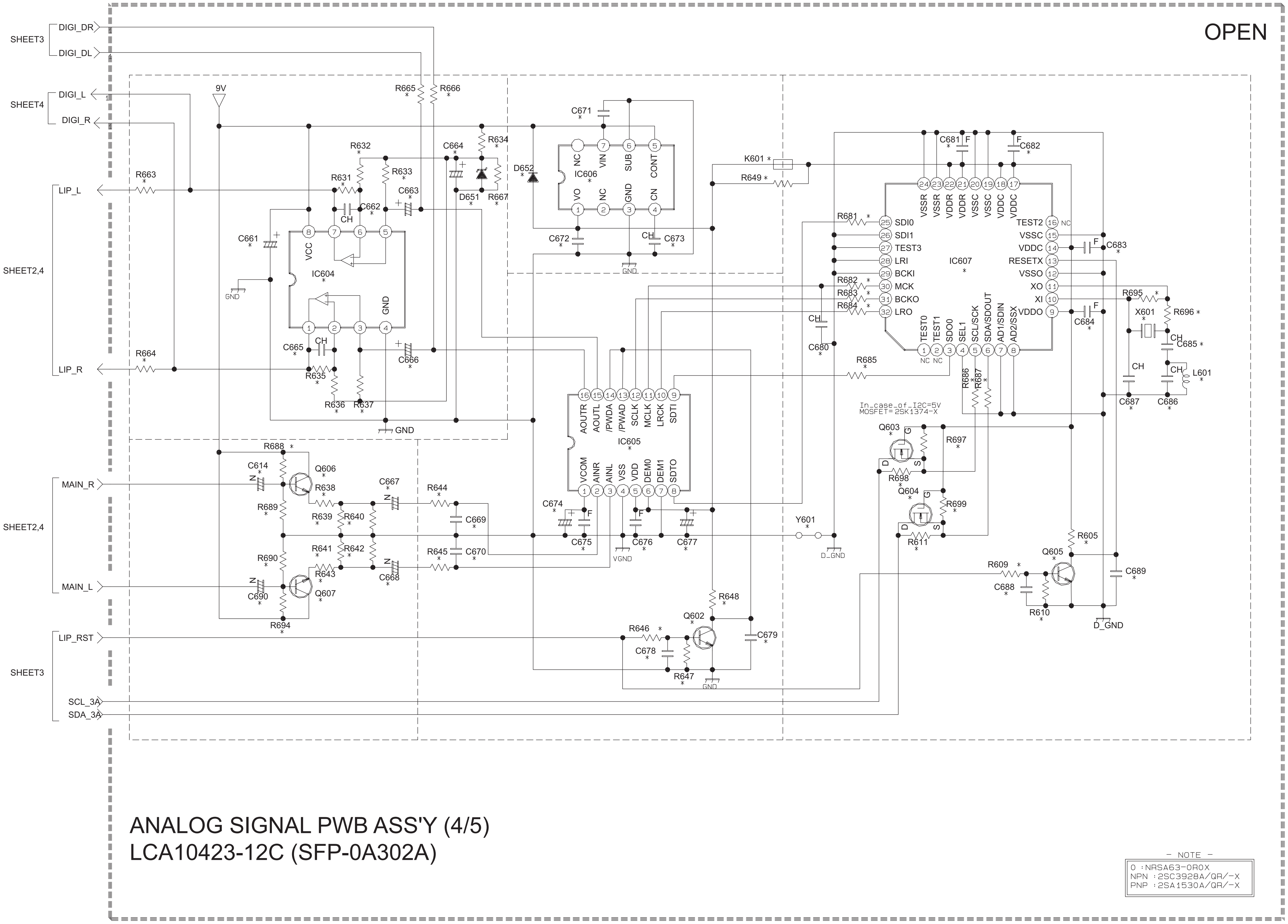
＊ DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
C208	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	OPEN
C303	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C304	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C305	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN	NCB21CK-105X	NCB21CK-105X	NCB21CK-105X	OPEN	OPEN
C306	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C307	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C308	0.01/50	0.01/50	OPEN	OPEN	0.01/50	0.01/50	OPEN	OPEN	OPEN	0.01/50	0.01/50
C316	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C333	1/16	OPEN	OPEN	OPEN	OPEN	1/16	OPEN	OPEN	OPEN	OPEN	OPEN
C343	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
C344	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C345	0.01	OPEN	0.01	0.01	OPEN	0.01	OPEN	OPEN	OPEN	OPEN	OPEN
C346	OPEN	1/16	OPEN	OPEN	1/16	OPEN	1/16	1/16	1/16	1/16	1/16
IC203	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	CD74HC4053PW-X	OPEN	OPEN	OPEN	CD74HC4053PW-X	OPEN
R218	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R219	OPEN	0	0	0	OPEN	OPEN	0	0	0	OPEN	0
R332	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R333	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R661	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R662	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
R669	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
R670	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	0	OPEN
RB601	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
RB602	0	0	0	0	OPEN	OPEN	0	OPEN	0	OPEN	0
IC611	OPEN	OPEN	OPEN	OPEN	BA4558F-X	RC4558D-X	OPEN	BA4558F-X	OPEN	BA4558F-X	OPEN
IC612	OPEN	OPEN	OPEN	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN
R601	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R602	OPEN	OPEN	OPEN	OPEN	10k	10k	OPEN	10k	OPEN	10k	OPEN
R603	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R604	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R606	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R607	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R608	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R612	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R613	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R614	OPEN	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	1k	OPEN
R615	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R616	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	100	OPEN
R617	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R618	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R619	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
R620	OPEN	OPEN	OPEN	OPEN	22k	22k	OPEN	22k	OPEN	22k	OPEN
C603	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C604	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C605	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C606	OPEN	OPEN	OPEN	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN
C607	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C608	OPEN	OPEN	OPEN	OPEN	10/16	10/16	OPEN	10/16	OPEN	10/16	OPEN
C609	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C610	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C611	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C612	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB603	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB604	0	OPEN	0	0	OPEN	0	0	0	0	OPEN	OPEN
RB611	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB612	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB613	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
RB614	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB615	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN
RB616	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN
CB611	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
CB612	OPEN	OPEN	OPEN	10/25	OPEN	OPEN	OPEN	OPEN	10/25	OPEN	OPEN
QB611	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
QB612	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN
C204	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X	NEH71AM-107X	NEH71AM-107X	NEH71AM-107X	NEZ0022-157X	NEZ0022-157X
R213	0	0	22	22	0	0	22	22	22	0	0
C341	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
C342	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	OPEN	.0047/50	.0047/50	.0047/50	.0047/50
R396	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0
RB303	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB304	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
RB305	75	75	75	75	OPEN	75	75	OPEN	75	OPEN	75
R401	OPEN	OPEN	OPEN	OPEN	150	OPEN	OPEN	OPEN	OPEN	150	OPEN

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10214001c_0930_1/5_0.0

ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET 5


OPEN
SHEET3
DIGI_DR
DIGI_DL
SHEET4
DIGI_L
DIGI_R
LIP_L
SHEET2,4
LIP_R
MAIN_R
MAIN_L
LIP_RST
SHEET3
SCL_3A
SDA_3A
9V
R663 R664 R665 R666 R631 R632 R633 R634 R667 R635 R636 R637
C661 C662 C663 C664 C665 C666 C671 C672 C673
D651 D652
IC604
VCC
GND
IC606
NC VIN SUB CONT VO NC GND CN
K601 R649
IC607
VSSR VSSR VDDR VDDR VSSC VSSC VDDC VDDC
SDI0 SDI1 TEST3 LRI BCKI MCK BCKO LRO
TEST2 VSSC VDDC RESETX VSSO XO XI VDDO
TEST0 TEST1 SDO0 SEL1 SCL/SCK SDA/SDOUT AD1/SDIN AD2/SSX
NC NC
R681 R682 R683 R684 R685 R686 R687
C680 C681 C682 C683 C684 C685 C686 C687
R695 R696 X601 L601
IC605
AOUTR AOUTL /PWDA /PWAD SCLK MCLK LRCK SDTI
VCOM AINR AINL VSS VDD DEM0 DEM1 SDTO
C674 C675 C676 C677
VGND
Y601
D_GND
In_case_of_I2C=5V
MOSFET=2SK1374-X
Q603 Q604 R697 R698 R699 R611
R605 R609 R610 Q605 C688 C689
D_GND
R688 C614 Q606 R638 R689 R639 R640 R641 R642 R643 R690 C690 Q607 R694
C667 C668 C669 C670 R644 R645
R648 Q602 R646 C678 R647 C679
GND
CH
F

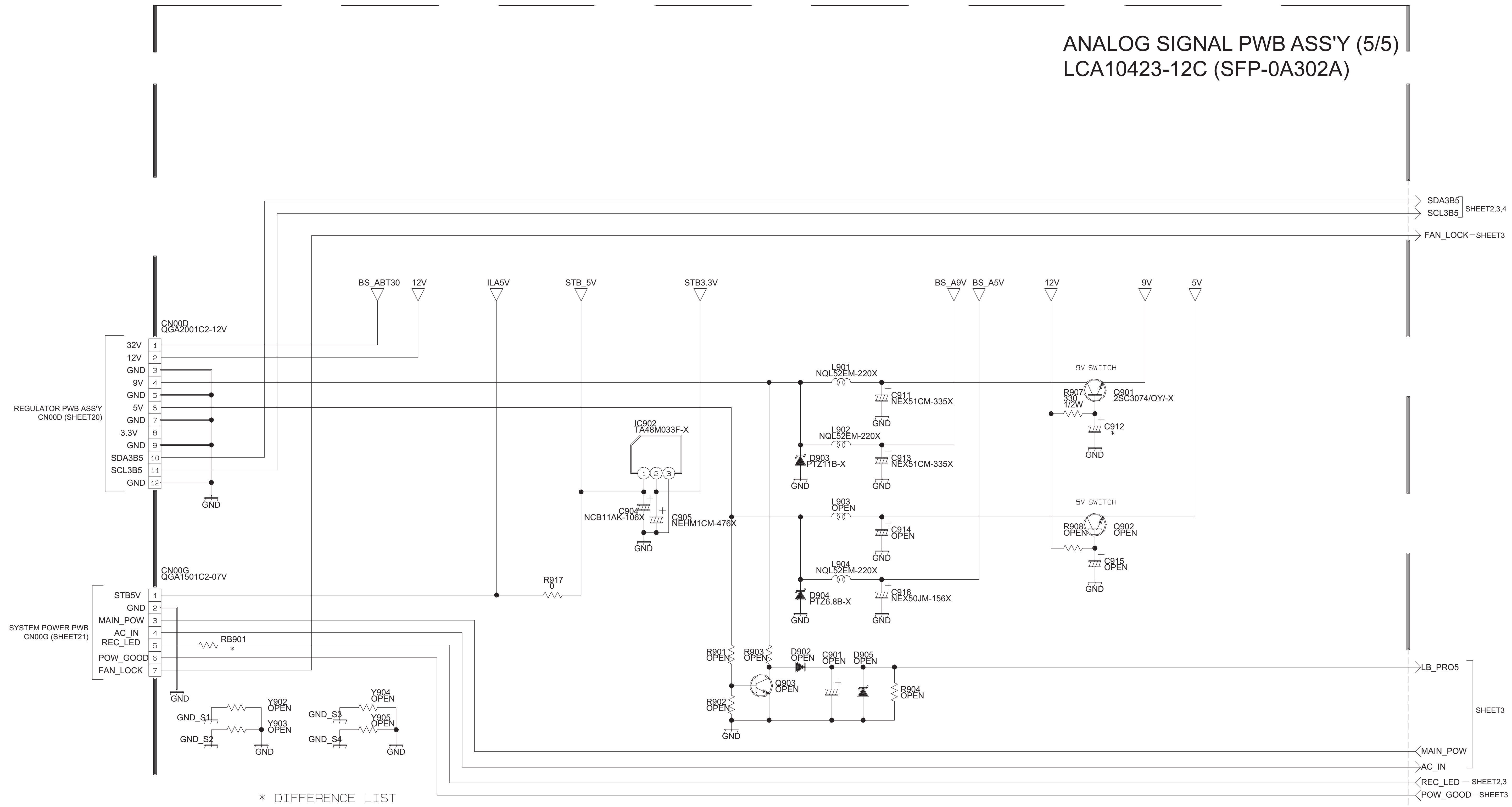
ANALOG SIGNAL PWB ASS'Y (4/5)
LCA10423-12C (SFP-0A302A)

– NOTE –
0 :NRSA63-0R0X
NPN :2SC3928A/QR/-X
PNP :2SA1530A/QR/-X

∗ DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
R631	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R632	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R633	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R634	OPEN	10k	5.6k	OPEN	10k	OPEN	5.6k	OPEN	OPEN	10k	10k
R635	OPEN	4.7k	10k	OPEN	4.7k	OPEN	10k	OPEN	OPEN	4.7k	4.7k
R636	OPEN	6.8k	2.2k	OPEN	6.8k	OPEN	2.2k	OPEN	OPEN	6.8k	6.8k
R637	OPEN	100k	100k	OPEN	100k	OPEN	100k	OPEN	OPEN	100k	100k
R638	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R639	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R640	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R641	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R642	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	OPEN
R643	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	2.2k	OPEN	OPEN	OPEN	OPEN
R644	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R645	OPEN	OPEN	470	OPEN	OPEN	OPEN	470	OPEN	OPEN	OPEN	OPEN
R646	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R647	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R648	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R681	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R682	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R683	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R684	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R685	OPEN	OPEN	47	OPEN	OPEN	OPEN	47	OPEN	OPEN	OPEN	OPEN
R686	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R687	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	OPEN
R688	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R689	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R690	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R694	OPEN	OPEN	33k	OPEN	OPEN	OPEN	33k	OPEN	OPEN	OPEN	OPEN
R695	OPEN	OPEN	1M	OPEN	OPEN	OPEN	1M	OPEN	OPEN	OPEN	OPEN
R696	OPEN	OPEN	220	OPEN	OPEN	OPEN	220	OPEN	OPEN	OPEN	OPEN
R697	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R698	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R699	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R605	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R609	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R610	OPEN	OPEN	10k	OPEN	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R649	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C661	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C662	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C663	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C664	OPEN	47/16	47/16	OPEN	47/16	OPEN	47/16	OPEN	OPEN	47/16	47/16
C665	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C666	OPEN	10/16	1/50	OPEN	10/16	OPEN	1/50	OPEN	OPEN	10/16	10/16
C667	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C668	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C669	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C670	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C671	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	NCB11EK-105X	OPEN	OPEN	OPEN	OPEN
C672	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	NCB11CK-225X	OPEN	OPEN	OPEN	OPEN
C673	OPEN	OPEN	470p	OPEN	OPEN	OPEN	470p	OPEN	OPEN	OPEN	OPEN
C674	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	4.7/25	OPEN	OPEN	OPEN	OPEN
C675	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C676	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C677	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	10/16	OPEN	OPEN	OPEN	OPEN
C678	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C679	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C680	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C681	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C682	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C683	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C684	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN
C685	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C686	OPEN	OPEN	12p	OPEN	OPEN	OPEN	12p	OPEN	OPEN	OPEN	OPEN
C687	OPEN	OPEN	10p	OPEN	OPEN	OPEN	10p	OPEN	OPEN	OPEN	OPEN
C688	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C689	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	1000p	OPEN	OPEN	OPEN	OPEN
C690	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
C614	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	4.7/16	OPEN	OPEN	OPEN	OPEN
D651	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	MA8047/L/-X	OPEN	OPEN	OPEN	OPEN
D652	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN
Q602	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q603	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q604	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q605	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q606	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
Q607	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN
K601	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	NQR0413-002X	OPEN	OPEN	OPEN	OPEN
L601	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	NQL092K-2R2X	OPEN	OPEN	OPEN	OPEN
X601	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	NAX0634-001X	OPEN	OPEN	OPEN	OPEN
Y601	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
IC604	OPEN	RC4558D-X	RC4558D-X	OPEN	RC4558D-X	OPEN	RC4558D-X	OPEN	OPEN	RC4558D-X	RC4558D-X
IC605	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	AK4550VT-X	OPEN	OPEN	OPEN	OPEN
IC606	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	MM1562FF-X	OPEN	OPEN	OPEN	OPEN
IC607	OPEN	OPEN	NJU26103FR1	OPEN	OPEN	OPEN	NJU26103FR1	OPEN	OPEN	OPEN	OPEN
R663	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R664	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN
R665	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R666	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	0
R667	OPEN	10k	OPEN	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	10k

ANALOG SIGNAL PWB ASS'Y (5/5)
LCA10423-12C (SFP-0A302A)


SDA3B5
SCL3B5
SHEET2,3,4
FAN_LOCK
SHEET3
BS_ABT30
12V
ILA5V
STB_5V
STB3.3V
BS_A9V
BS_A5V
12V
9V
5V
CN00D
QGA2001C2-12V
REGULATOR PWB ASS'Y
CN00D (SHEET20)
1 32V
2 12V
3 GND
4 9V
5 GND
6 5V
7 GND
8 3.3V
9 GND
10 SDA3B5
11 SCL3B5
12 GND
GND
IC902
TA48M033F-X
C904
NCB11AK-106X
C905
NEHM1CM-476X
GND
L901
NQL52EM-220X
C911
NEX51CM-335X
GND
L902
NQL52EM-220X
D903
PTZ11B-X
C913
NEX51CM-335X
GND
9V SWITCH
R907
330
1/2W
Q901
2SC3074/OY/-X
C912
*
GND
L903
OPEN
C914
OPEN
GND
5V SWITCH
R908
OPEN
Q902
OPEN
C915
OPEN
GND
L904
NQL52EM-220X
D904
PTZ6.8B-X
C916
NEX50JM-156X
GND
CN00G
QGA1501C2-07V
SYSTEM POWER PWB
CN00G (SHEET21)
1 STB5V
2 GND
3 MAIN_POW
4 AC_IN
5 REC_LED
6 POW_GOOD
7 FAN_LOCK
R917
0
RB901
*
GND
R901
OPEN
R903
OPEN
D902
OPEN
C901
OPEN
D905
OPEN
Q903
OPEN
R904
OPEN
R902
OPEN
GND
LB_PRO5
SHEET3
MAIN_POW
AC_IN
REC_LED
SHEET2,3
POW_GOOD
SHEET3
GND_S1
Y902
OPEN
Y903
OPEN
GND_S2
GND
GND_S3
Y904
OPEN
Y905
OPEN
GND_S4
GND

* DIFFERENCE LIST

NOTE	JPN	US	EU	ASIA etc	US SEPARATE	JPN SEPARATE	EU	ASIA SEPARATE	ASIA	TAIWAN KOREA SEPARATE	TAIWAN KOREA
ASSY NO.	SFP-0A101A	SFP-0A503A	SFP-0A201A	SFP-0A301A	SFP-0A501A	SFP-0A102A	SFP-0A202A	SFP-0A302A	SFP-0A303A	SFP-0A504A	SFP-0A505A
	OLLC05106-05	OLLC05106-07	OLLC05106	OLLC05106-06	OLLC05106-04	OLLC05106-08	OLLC05106-11	OLLC05106-12	OLLC05106-13	OLLC05106-09	OLLC05106-10
RB901	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN
C912	NEHL1CM-107X	47/16	47/16	47/16	47/16	NEHL1CM-107X	47/16	47/16	47/16	47/16	47/16

- NOTE -

0 :NRSA63-0R0X

*1 :NQR0415-005X

Note: Please refer to page 2-81 for voltages of this circuit diagram.

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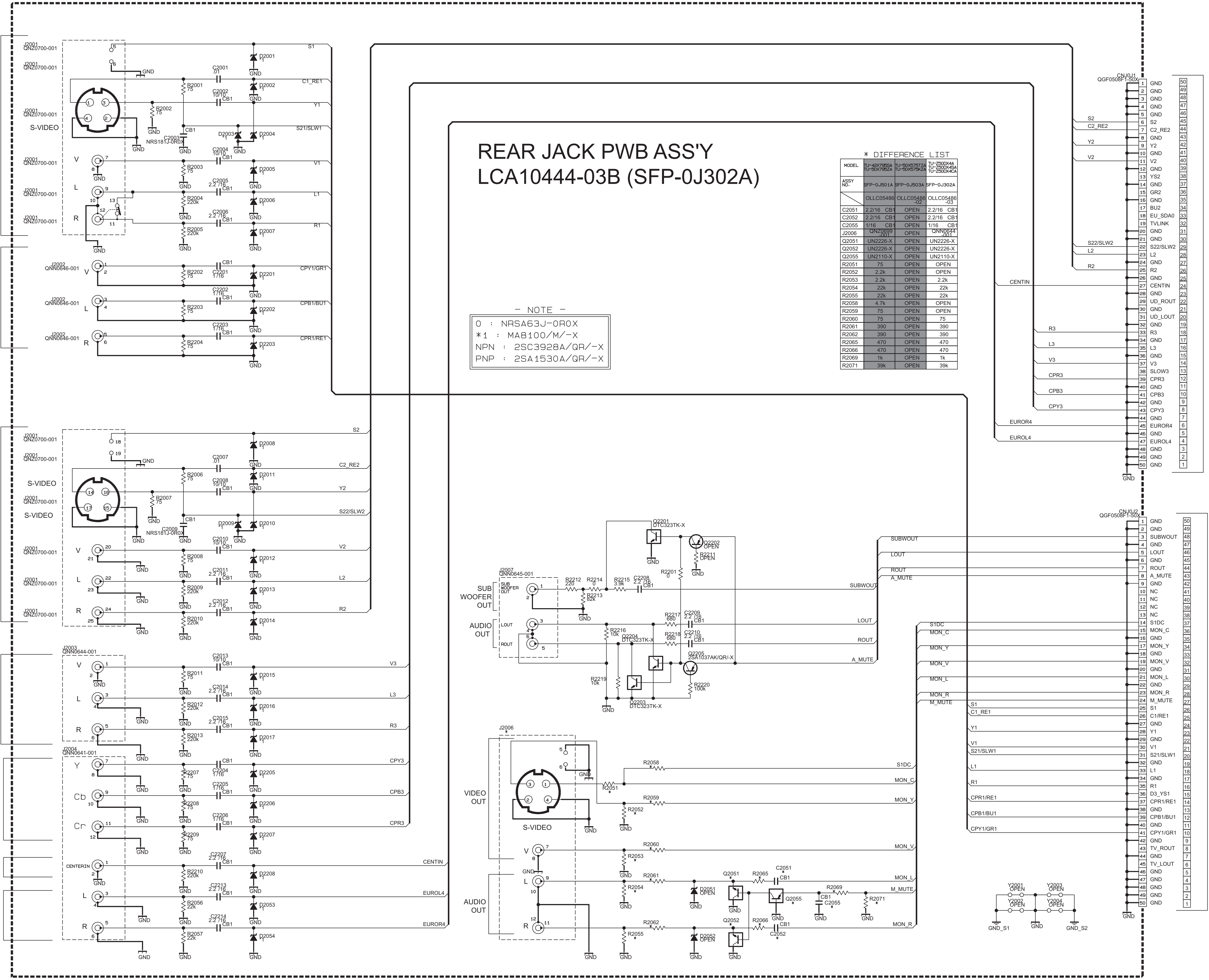
REAR JACK PWB CIRCUIT DIAGRAM SHEET 7


VIDEO-1 INPUT
VIDEO-1 COMPONENT VIDEO INPUT
VIDEO-2 INPUT
VIDEO-3 INPUT
VIDEO-3 COMPONENT VIDEO INPUT
CENTER CHANNEL INPUT
DIGITAL IN AUDIO (ANALOG)
S-VIDEO
SUB WOOFER OUT
AUDIO OUT
VIDEO OUT
ANALOG SIGNAL PWB ASS'Y(1/5) CN0J1 (SHEET2)
ANALOG SIGNAL PWB ASS'Y(1/5) CN0J2 (SHEET2)
CN0J1 QGF0508F1-50X
CN0J2 QGF0508F1-50X
J2001 QNZ0700-001
J2002 QNN0646-001
J2003 QNN0644-001
J2004 QNN0641-001
J2006
J2007 QNN0645-001
Q2201 DTC323TK-X
Q2202 OPEN
Q2203 DTC323TK-X
Q2204 DTC323TK-X
Q2205 2SA1037AK/QR/-X
GND_S1
GND_S2

REAR JACK PWB ASS'Y
LCA10444-03B (SFP-0J302A)

- NOTE -

0 : NRSA63J-0R0X
*1 : MA8100/M/-X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X

* DIFFERENCE LIST

MODEL	TU-42X795SA TU-50X795ZA	TU-50X575TZA TU-50X575KZA	TU-Z50DX4A TU-Z50DX4SA TU-Z50DX4CA
ASSY NO.	SFP-0J501A	SFP-0J503A	SFP-0J302A
	OLLC05486	OLLC05486 -02	OLLC05486 -03
C2051	2.2/16 CB1	OPEN	2.2/16 CB1
C2052	2.2/16 CB1	OPEN	2.2/16 CB1
C2055	1/16 CB1	OPEN	1/16 CB1
J2006	QNZ0699 -001	OPEN	QNN0644 -001
Q2051	UN2226-X	OPEN	UN2226-X
Q2052	UN2226-X	OPEN	UN2226-X
Q2055	UN2110-X	OPEN	UN2110-X
R2051	75	OPEN	OPEN
R2052	2.2k	OPEN	OPEN
R2053	2.2k	OPEN	2.2k
R2054	22k	OPEN	22k
R2055	22k	OPEN	22k
R2058	4.7k	OPEN	OPEN
R2059	75	OPEN	OPEN
R2060	75	OPEN	75
R2061	390	OPEN	390
R2062	390	OPEN	390
R2065	470	OPEN	470
R2066	470	OPEN	470
R2069	1k	OPEN	1k
R2071	39k	OPEN	39k

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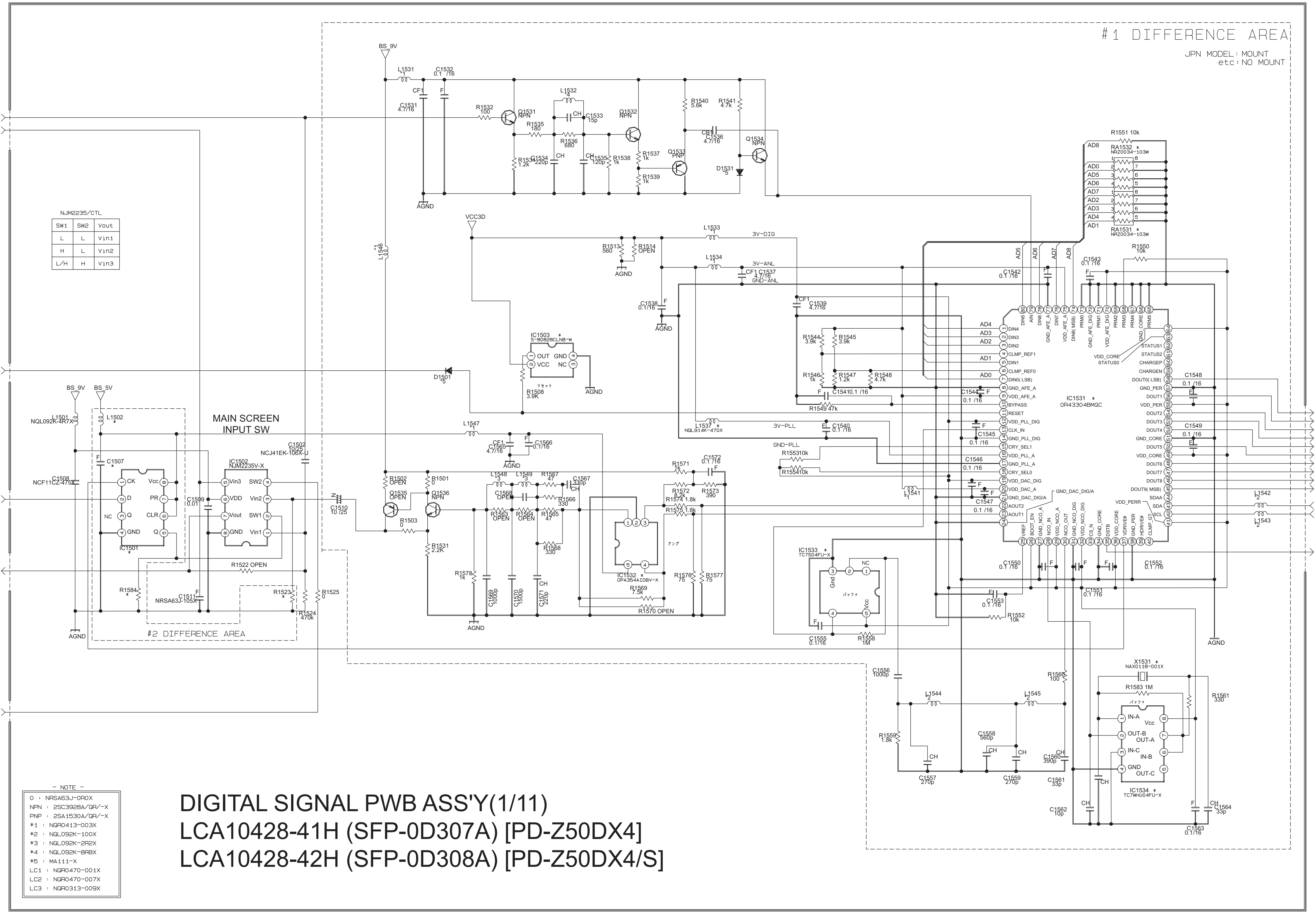
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (1/11) SHEET 8


#1 DIFFERENCE AREA
JPN MODEL : MOUNT
etc : NO MOUNT
SHEET18
MAIN_VY
YUVSW_Y1
SHEET17
GR_RST
GRON
SHEET10
DEC_Y
SHEET17
MCmp/OTH
BS_9V
BS_5V
VCC3D
AGND
L1501 NQL092K-4R7X
C1508 NCF11CZ-475X
L1502
C1507
IC1501
CK
Vcc
D
PR
Q
CLR
NC
GND
C1509 0.01
MAIN SCREEN INPUT SW
IC1502 NJM2235V-X
Vin3
SW2
VDD
Vin2
Vout
SW1
GND
Vin1
C1502 10/25 NCJ41EK-106X-J
C1510 10/25
R1522 OPEN
R1584
C1511 NRSA63J-105X
R1523
R1524 470k
R1525 0
#2 DIFFERENCE AREA
L1531
C1532 0.1 /16
CF1
C1531 4.7/16
R1532 100
Q1531 NPN
R1535 180
L1532
C1533 15p
R1536 680
R1534 1.2k
C1534 220p
C1535 120p
R1538 1k
Q1532 NPN
R1537 1k
R1539 1k
Q1533 PNP
R1540 5.6k
R1541 4.7k
C1536 4.7/16
D1531 *5
Q1534 NPN
L1546
R1513 560
R1514 OPEN
L1533
3V-DIG
L1534
3V-ANL
C1537 4.7/16
GND-ANL
C1538 0.1/16
C1539 4.7/16
IC1503 S-80828CLNB-W
OUT
GND
VCC
NC
D1501 *5
R1508 3.9K
L1547
L1537 NQL914K-470X
3V-PLL
C1540 0.1 /16
GND-PLL
R1553 10k
R1554 10k
C1565 4.7/16
C1566 0.1/16
R1502 OPEN
Q1535 OPEN
R1501 0
Q1536 NPN
R1503 0
R1531 2.2K
L1548
L1549
R1567 47
C1567 330p
C1568 OPEN
R1566 330
R1563 OPEN
R1564 OPEN
R1565 47
R1568 330
R1578 1k
C1569 1000p
C1570 1500p
C1571 220p
R1571
C1572 0.1 /16
R1572 8.2k
R1573 390
R1574 1.8k
R1575 1.8k
IC1532 OPA354AIDBV-X
R1569 7.5k
R1570 OPEN
R1576 75
R1577 75
R1551 10k
AD8
RA1532 NRZ0034-103W
AD0
AD5
AD6
AD7
AD2
AD3
AD4
AD1
RA1531 NRZ0034-103W
R1550 10k
C1542 0.1 /16
C1543 0.1 /16
R1544 3.9k
R1545 3.9k
R1546 1k
R1547 1.2k
R1548 4.7k
C1541 0.1 /16
R1549 47k
C1544 0.1 /16
C1545 0.1 /16
C1546 0.1 /16
C1547 0.1 /16
L1541 *1
IC1531 OR43304BMQC
DIN4
DIN3
DIN2
CLMP_REF1
DIN1
CLMP_REF0
DIN0(LSB)
GND_AFE_A
VDD_AFE_A
BYPASS
RESET
VDD_PLL_DIG
CLK_IN
GND_PLL_DIG
CRY_SEL1
VDD_PLL_A
GND_PLL_A
CRY_SEL0
VDD_DAC_DIG
VDD_DAC_A
GND_DAC_DIG/A
AOUT2
AOUT1
VREF
BOOT_EN
GND_NCO_A
NCO_IN
VDD_NCO_A
NCO_OUT
GND_NCO_DIG
VDD_NCO_DIG
CS_N
GND_CORE
DSTB
VDD_CORE
VDRIVE#
GND_PER
HDRIVE#
CLMP_GT
SCL
SDA
SDAA
DOUT9(MSB)
DOUT8
DOUT7
DOUT6
VDD_CORE
DOUT5
GND_CORE
DOUT4
DOUT3
DOUT2
VDD_PER
DOUT1
GND_PER
DOUT0(LSB)
CHARGEN
CHARGEP
STATUS2
STATUS1
STATUS0
VDD_PERR
DIN5
AIN
DIN6
DIN7
DIN8(MSB)
PRM0
GND_AFE_DIG
PRM1
VDD_AFE_DIG
PRM2
PRM3
PRM4
PRM5
C1548 0.1 /16
C1549 0.1 /16
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET10
L1542
L1543
SDA3A
SCL3A
SHEET17
4FSC
SHEET10
C1550 0.1 /16
C1551 0.1 /16
C1552 0.1 /16
C1553 0.1 /16
R1552 10k
IC1533 TC7S04FU-X
C1555 0.1/16
R1558 1M
C1556 1000p
L1544
L1545
R1559 1.8k
C1557 270p
C1558 560p
C1559 270p
R1560 100
C1560 390p
C1561 33p
C1562 10p
X1531 NAX0118-001X
R1583 1M
R1561 330
IN-A
Vcc
OUT-B
OUT-A
IN-C
IN-B
GND
OUT-C
IC1534 TC7WHU04FU-X
C1563 0.1/16
C1564 33p

NJM2235/CTL

SW1	SW2	Vout
L	L	Vin1
H	L	Vin2
L/H	H	Vin3

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : NQR0413-003X
*2 : NQL092K-100X
*3 : NQL092K-2R2X
*4 : NQL092K-8R8X
*5 : MA111-X
LC1 : NQR0470-001X
LC2 : NQR0470-007X
LC3 : NQR0313-009X

DIGITAL SIGNAL PWB ASS'Y(1/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
L1502	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
C1507	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN
IC1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7W74FU-X	TC7W74FU-X	TC7W74FU-X	TC7W74FU-X	OPEN	OPEN	OPEN	OPEN
R1584	0	0	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0
R1523	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	1M	1M	1M	1M	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X	NCF31CZ-104X

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05356	OLLC05356 -02	OLLC05356 -39	OLLC05356 -03 (etc)	OLLC05356 -14 (etc)	OLLC05356 -32 (etc)	OLLC05356 -34 (etc)	OLLC05356 -06 (etc)	OLLC05356 -05 (etc)	OLLC05356 -29	OLLC05356 -30	OLLC05356 -08 (etc)	OLLC05356 -11 (etc)	OLLC05356 -41 (etc)	OLLC05356 -44 (etc)
X1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0118-001X	NAX0118-001X	NAX0118-001X	NAX0118-001X	OPEN	OPEN	OPEN	OPEN
RA1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
RA1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	NRZ0034-103W	OPEN	OPEN	OPEN	OPEN
R1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1508	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1513	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1554	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1568	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1573	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1574	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1575	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1576	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1577	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1578	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R1583	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQL914K-470X	NQL914K-470X	NQL914K-470X	NQL914K-470X	OPEN	OPEN	OPEN	OPEN
L1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
L1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC1503	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	S-80828CLNB-W	OPEN	OPEN	OPEN	OPEN
IC1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OR43304BMQC	OR43304BMQC	OR43304BMQC	OR43304BMQC	OPEN	OPEN	OPEN	OPEN
IC1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPA354AIDBV-X	OPEN	OPEN	OPEN	OPEN
IC1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	TC7S04FU-X	OPEN	OPEN	OPEN	OPEN
IC1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	TC7WHU04FU-X	OPEN	OPEN	OPEN	OPEN
D1501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
D1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1510	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1531	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1532	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1533	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1534	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1535	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1536	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1537	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1538	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1539	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1540	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1541	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1542	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1543	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1544	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1545	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1546	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1547	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1548	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1549	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1550	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1551	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1552	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1553	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1555	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1556	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1557	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1558	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1559	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1560	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1561	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1562	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1563	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1564	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1565	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1566	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1567	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1569	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1570	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1571	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C1572	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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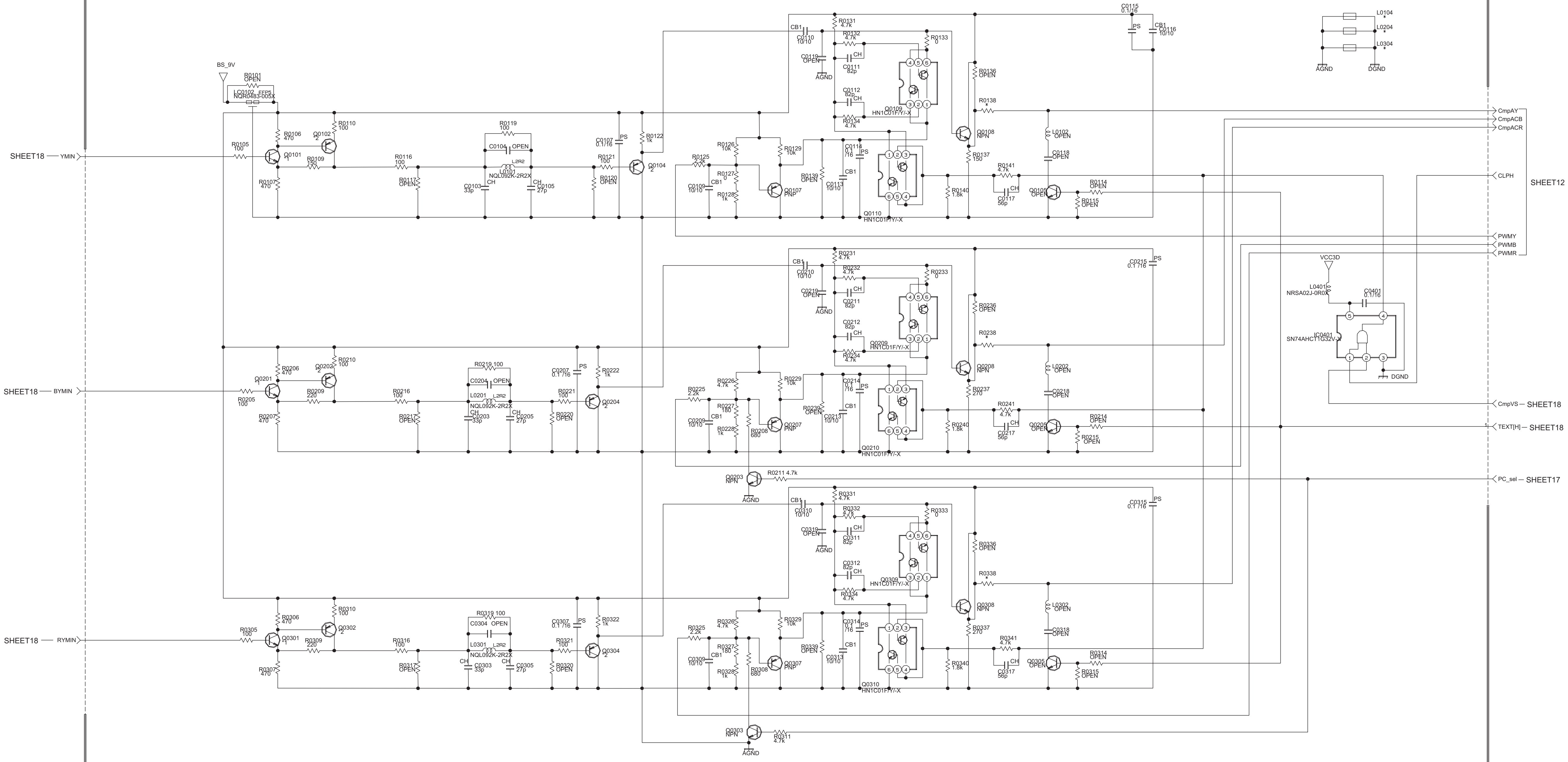
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (2/11) SHEET 9


SHEET18 YMIN
SHEET18 BYMIN
SHEET18 RYMIN
BS_9V
LC0102 NQR0483-005X
CmpAY
CmpACB
CmpACR
CLPH
SHEET12
PWMY
PWMB
PWMR
VCC3D
L0401 NRSA02J-0R0X
IC0401 SN74AHCT1G32V-X
C0401 0.1/16
DGND
AGND
L0104
L0204
L0304
CmpVS SHEET18
TEXT[H] SHEET18
PC_sel SHEET17
Q0109 HN1C01F/Y/-X
Q0110 HN1C01F/Y/-X
Q0209 HN1C01F/Y/-X
Q0210 HN1C01F/Y/-X
Q0309 HN1C01F/Y/-X
Q0310 HN1C01F/Y/-X
L0101 NQL092K-2R2X
L0201 NQL092K-2R2X
L0301 NQL092K-2R2X
Q0203 NPN
Q0303 NPN
R0211 4.7k
R0311 4.7k

#1 DIFFERENCE LIST (US-UNION MODEL/ etc)

NOTE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0138	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0238	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
R0338	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0
L0104	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0204	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L0304	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X

DIGITAL SIGNAL PWB ASS'Y(2/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

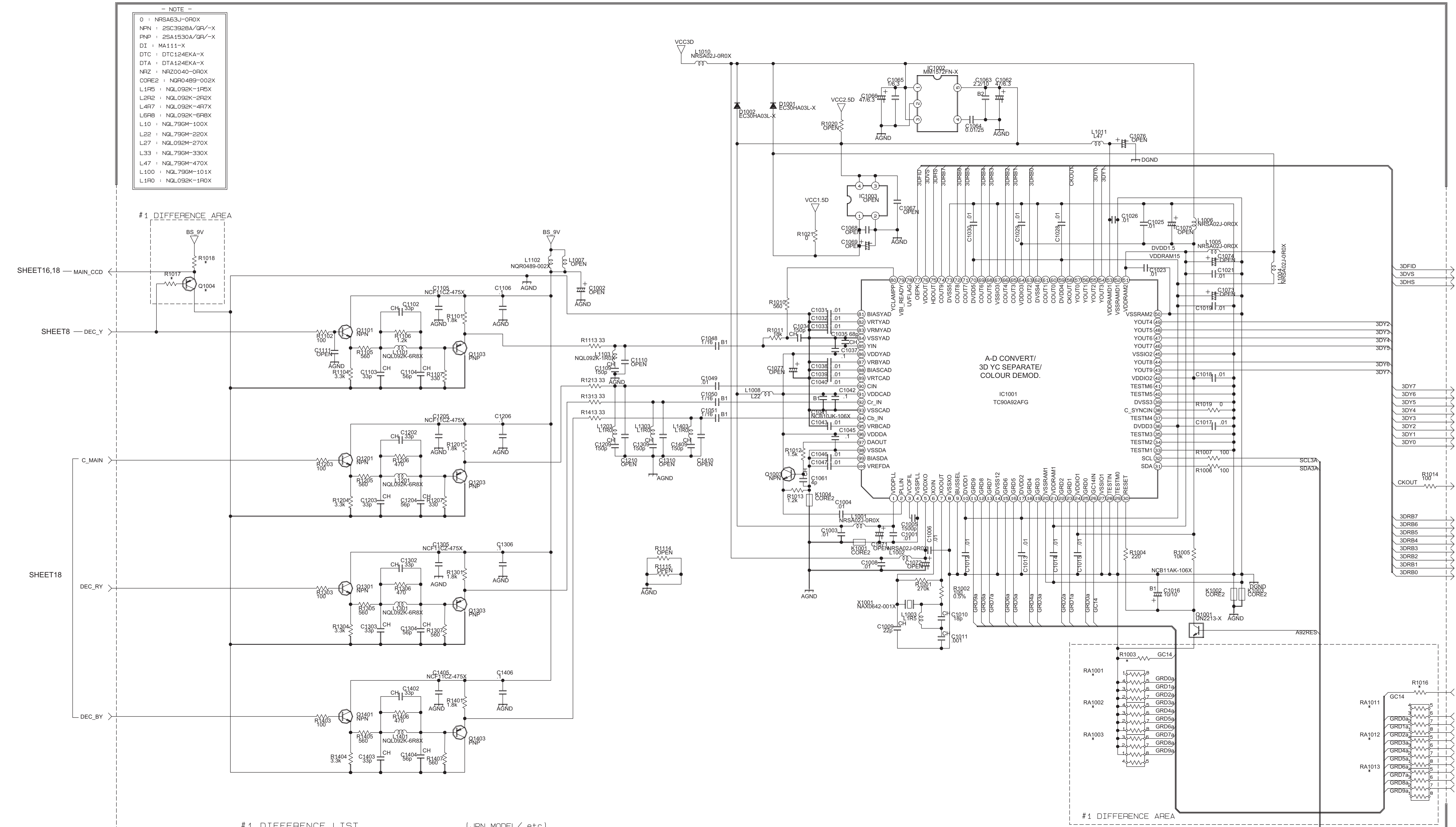
- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : 2SC3837K/NP/-X
*2 : 2SA1022/BC/-X

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_1/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (3/11) SHEET 10


#1 DIFFERENCE AREA
SHEET16,18
MAIN_CCD
SHEET8
DEC_Y
C_MAIN
SHEET18
DEC_RY
DEC_BY
BS_9V
Q1004
R1017
R1018
VCC3D
L1010
NRSA02J-0R0X
D1002
EC30HA03L-X
D1001
EC30HA03L-X
IC1002
MM1572FN-X
VCC2.5D
VCC1.5D
IC1003
OPEN
A-D CONVERT/
3D YC SEPARATE/
COLOUR DEMOD.
IC1001
TC90A92AFG
X1001
NAX0642-001X
Q1001
UN2213-X
A92RES
SHEET12
3DFID
3DVS
3DHS
3DY0
3DY1
3DY2
3DY3
3DY4
3DY5
3DY6
3DY7
3DCK
3DRB0
3DRB1
3DRB2
3DRB3
3DRB4
3DRB5
3DRB6
3DRB7
SCL3A
SDA3A
4FSC
GRD0
GRD1
GRD2
GRD3
GRD4
GRD5
GRD6
GRD7
GRD8
GRD9
SHEET8
RA1001
RA1002
RA1003
RA1011
RA1012
RA1013
SHEET17
SCL3A
SDA3A
A92RES

- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
DI : MA111-X
DTC : DTC124EKA-X
DTA : DTA124EKA-X
NRZ : NRZ0040-0R0X
CORE2 : NQR0489-002X
L1R5 : NQL092K-1R5X
L2R2 : NQL092K-2R2X
L4R7 : NQL092K-4R7X
L6R8 : NQL092K-6R8X
L10 : NQL79GM-100X
L22 : NQL79GM-220X
L27 : NQL092M-270X
L33 : NQL79GM-330X
L47 : NQL79GM-470X
L100 : NQL79GM-101X
L1R0 : NQL092K-1R0X

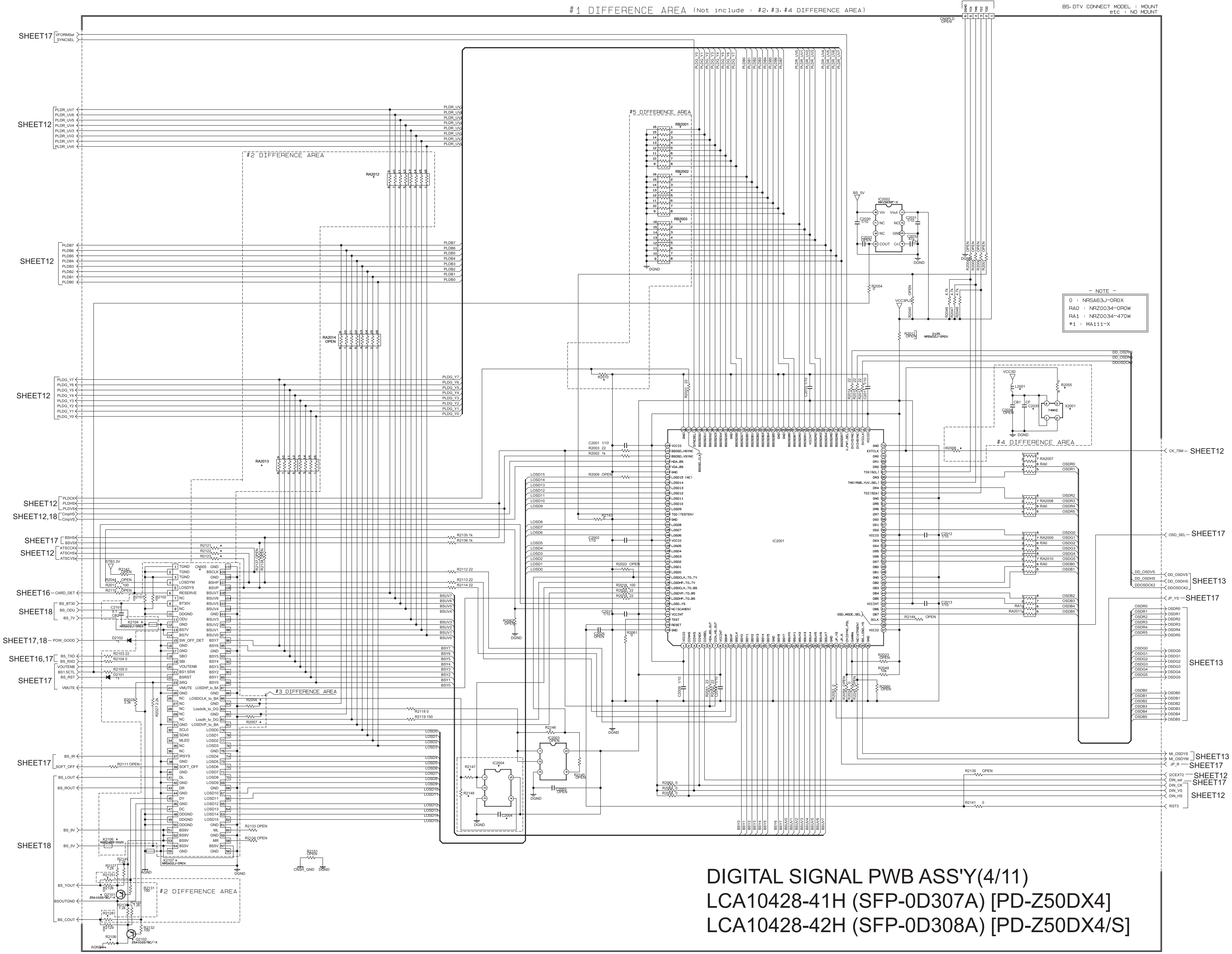
#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA1001	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1002	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
RA1003	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W	NRZ0034 -103W
R1003	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
RA1011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
RA1013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	NRZ0034 -101W	OPEN	OPEN	OPEN	OPEN
R1016	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R1017	100	100	100	100	100	100	100	OPEN	OPEN	OPEN	OPEN	100	100	100	100
R1018	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	3.3k	3.3k	3.3k
Q1004	PNP	PNP	PNP	PNP	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	PNP	PNP	PNP	PNP

DIGITAL SIGNAL PWB ASS'Y(3/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET 11


OPEN
#1 DIFFERENCE AREA (Not include : #2, #3, #4 DIFFERENCE AREA)
BS·DTV CONNECT MODEL : MOUNT
etc : NO MOUNT
SHEET17
VFORMSel
SYNCSEL
SHEET12
PLDR_UV7
PLDR_UV6
PLDR_UV5
PLDR_UV4
PLDR_UV3
PLDR_UV2
PLDR_UV1
PLDR_UV0
#2 DIFFERENCE AREA
RA2012
#5 DIFFERENCE AREA
RB2001
RB2002
RB2003
DGND
BS_5V
IC2002
MM1593DF-X
C2030
C2031
C2032
C2033
SHEET12
PLDB7
PLDB6
PLDB5
PLDB4
PLDB3
PLDB2
PLDB1
PLDB0
R2054
VCC3PLD
R2045
R2012
OPEN
D2102
NRSA02J-0R0X
RA2014
OPEN
SHEET12
PLDG_Y7
PLDG_Y6
PLDG_Y5
PLDG_Y4
PLDG_Y3
PLDG_Y2
PLDG_Y1
PLDG_Y0
R2010
VCC3D
L2001
CF
C2035
C2034
R2055
X2001
74MHz
DGND
DD_OSDVS
DD_OSDHS
DDOSDCK2
RA2013
#4 DIFFERENCE AREA
R2008
CK_75M
SHEET12
RA2007
RA0
RA2008
RA2009
RA2010
RA2011
RA1
IC2001
C2012 1/10
C2013 1/10
SHEET12
PLDCK
PLDHS
PLDVS
SHEET12,18
CmpHS
CmpVS
SHEET17
BSHS
BSVS
SHEET12
ATSCCK
ATSCHS
ATSCVS
R2135 1k
R2136 1k
R2121
R2122
R2123
R2112 22
R2113 22
R2114 22
OSD_SEL
SHEET17
SHEET13
JP_YS
SHEET17
SHEET16
CARD_DET
SHEET18
BS_BT30
BS_ODU
BS_TV
CN005
SHEET17,18
POW_GOOD
SHEET16,17
BS_TXD
BS_RXD
VOLTENB
BS1.5CTL
BS_RST
SHEET17
VMUTE
OSDR0
OSDR1
OSDR2
OSDR3
OSDR4
OSDR5
OSDG0
OSDG1
OSDG2
OSDG3
OSDG4
OSDG5
OSDB0
OSDB1
OSDB2
OSDB3
OSDB4
OSDB5
SHEET13
#3 DIFFERENCE AREA
R2056
R2057
R2118 0
R2119 150
IC2004
IC2003
OPEN
R2146
R2147
R2148
C2004
R2149 OPEN
R2150 OPEN
SHEET17
BS_IR
SOFT_OFF
R2111 OPEN
BS_LOUT
BS_ROUT
MI_OSDYS
MI_OSDYM
JP_R
SHEET13
SHEET17
R2139 OPEN
I2CEXT2
DIN_sel
DIN_CK
DIN_VS
DIN_HS
SHEET12
SHEET17
SHEET12
R2141 0
RST3
R2133 OPEN
R2134 OPEN
R2151 OPEN
CNSH_GND
DGND
SHEET18
BS_9V
BS_5V
K2106
NQR0489-002X
K2107
NRSA02J-0R0X
BS_YOUT
BSOUTGND
BS_COUT
Q2101
2SA1022/BC/-X
Q2102
2SA1022/BC/-X
AGND
#2 DIFFERENCE AREA

- NOTE -
0 : NRSA63J-0R0X
RA0 : NRZ0034-0R0W
RA1 : NRZ0034-470W
*1 : MA111-X

DIGITAL SIGNAL PWB ASS'Y(4/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (BS·DTV CONNECT MODEL/ etc)

BS·DTV	–	–	–	–	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R2112	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2114	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2118	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2119	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2127	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2132	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2135	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2136	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2141	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
Q2101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	OPEN	OPEN	OPEN	OPEN
Q2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	2SA1022/BC/-X	OPEN	OPEN	OPEN	OPEN
D2102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2007	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
RA2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2003	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN
R2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2018	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2019	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2020	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2024	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2045	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2046	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2047	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2048	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2049	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2051	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2052	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	JCC5062	JCC5062	JCC5062	JCC5062	OPEN	OPEN	OPEN	OPEN
C2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2009	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2011	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2014	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
IC2002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MM1593DF-X	MM1593DF-X	MM1593DF-X	MM1593DF-X	OPEN	OPEN	OPEN	OPEN
R2054	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2030	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2031	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2032	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2146	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2053	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2058	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2061	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2064	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2149	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2150	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC CONNECT MODEL/ etc)

ATSC	–	–	–	ATSC CONNECT	–	–	–	–	–	–	–	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RA2012	OPEN	OPEN	OPEN	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA2013	OPEN	OPEN	OPEN	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2121	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2122	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2123	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2125	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2128	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#3 DIFFERENCE LIST (ATSC or BS·DTV CONNECT MODEL/ etc)

ATSC /BS·DTV	–	–	–	ATSC CONNECT	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN005	OPEN	OPEN	OPEN	QGB0603L1-B0	OPEN	OPEN	OPEN	QGB0603L1-B0	QGB0603L1-B0	QGB0603L1-B0	QGB0603L1-B0	OPEN	OPEN	OPEN	OPEN
R2056	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2057	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R2106	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
K2106	OPEN	OPEN	OPEN	NQR0489-002X	OPEN	OPEN	OPEN	NQR0489-002X	NQR0489-002X	NQR0489-002X	NQR0489-002X	OPEN	OPEN	OPEN	OPEN
D2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
C2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2101	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2102	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2103	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2104	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2105	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2027	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN
R2028	OPEN	OPEN	OPEN		OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (VGA-BS·DTV CONNECT MODEL/ XGA-BS·DTV CONNECT MODEL/ etc)

BS·DTV	–	–	–	–	–	–	–	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	BS·DTV CONNECT	–	–	–	–
NOTE	VGA	VGA	XGA	XGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA	VGA	VGA	XGA	XGA
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0637-001X	NAX0637-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2055	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C2035	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
L2001	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2008	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	OPEN	OPEN	OPEN	OPEN
IC2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SN74LVC1G08K-X	SN74LVC1G08K-X	OPEN	OPEN	OPEN	OPEN
R2147	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R2148	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	OPEN	OPEN	OPEN	OPEN
C2004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1/16 CF	0.1/16 CF	OPEN	OPEN	OPEN	OPEN

#5 DIFFERENCE LIST (DIGITAL IN MODEL/ etc)

NOTE	–	–	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	DEGITAL IN MODEL	–	–	DEGITAL IN MODEL	DEGITAL IN MODEL
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
RB2001	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
RB2002	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
RB2003	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRZ0080-0R0X	NRZ0080-0R0X	OPEN	OPEN
R2010	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	OPEN	OPEN
K2104	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X
K2107	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	NRSA02J-0R0X	OPEN	OPEN	NRSA02J-0R0X	NRSA02J-0R0X

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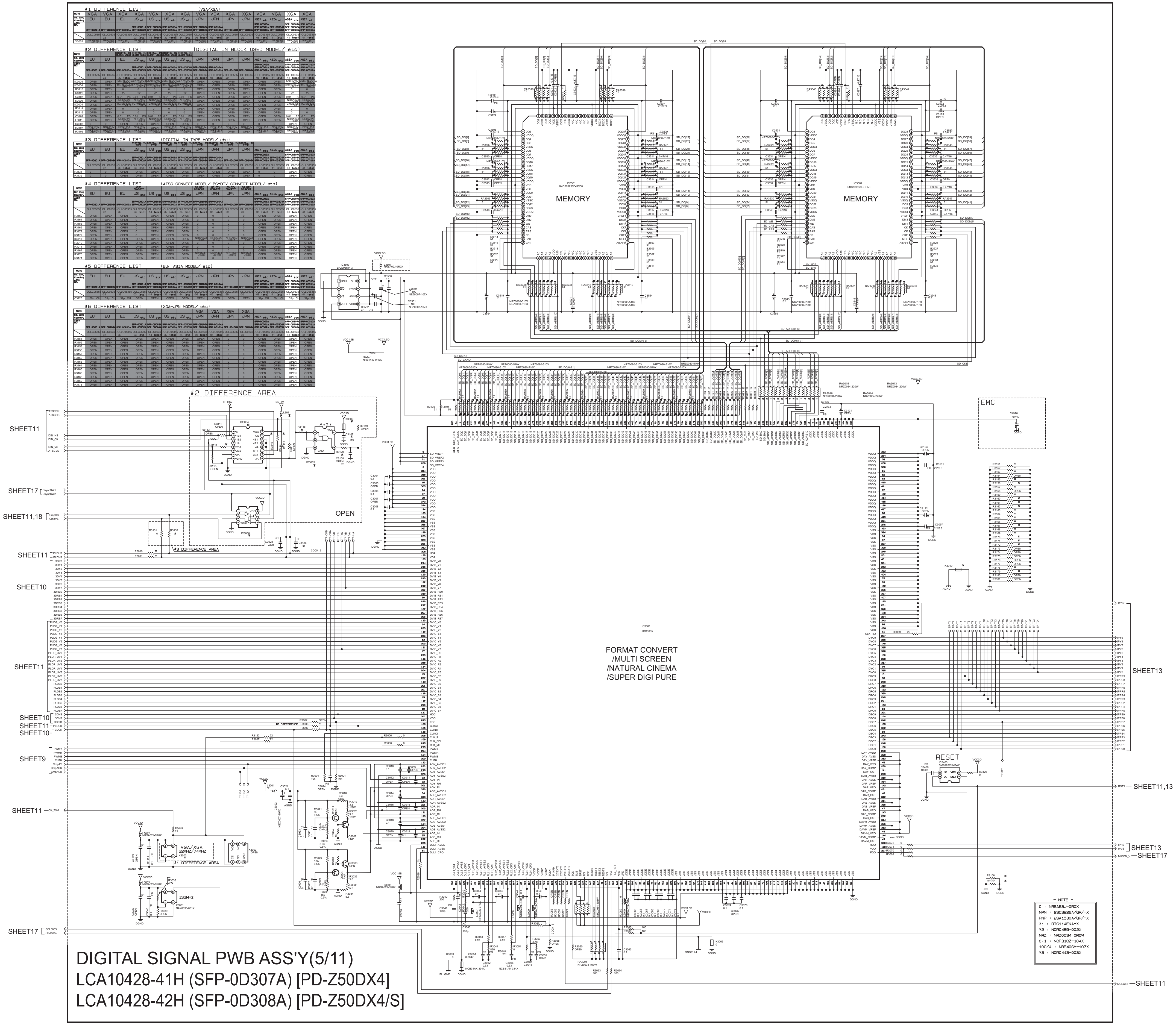
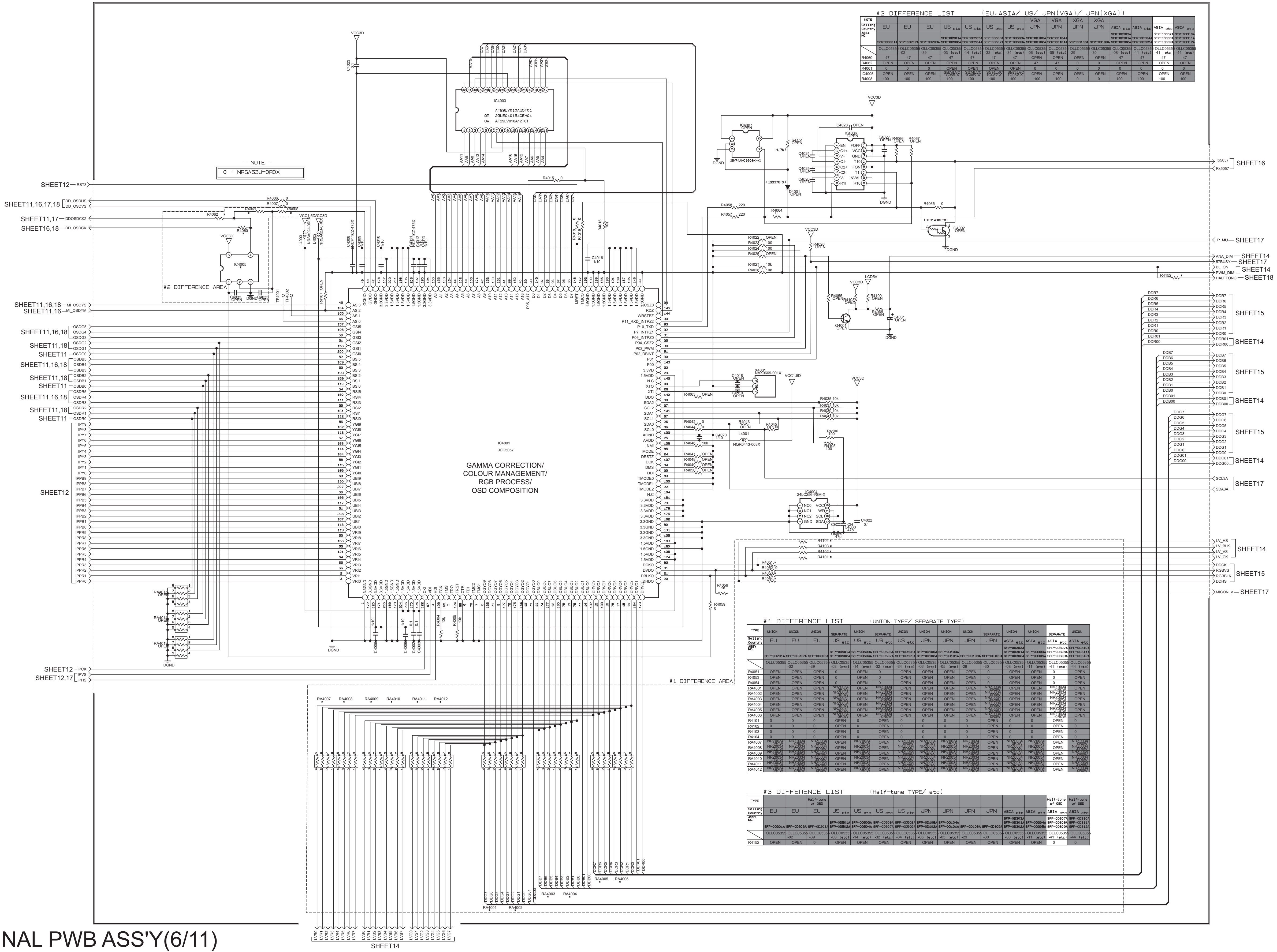
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (5/11) SHEET 12


#1 DIFFERENCE LIST
#2 DIFFERENCE LIST
#3 DIFFERENCE LIST
#4 DIFFERENCE LIST
#5 DIFFERENCE LIST
#6 DIFFERENCE LIST
MEMORY
MEMORY
#2 DIFFERENCE AREA
#3 DIFFERENCE AREA
#1 DIFFERENCE AREA
OPEN
EMC
RESET
FORMAT CONVERT
/MULTI SCREEN
/NATURAL CINEMA
/SUPER DIGI PURE
VGA/XGA
32MHZ/74MHZ
133MHz
SHEET11
SHEET17
SHEET11,18
SHEET11
SHEET10
SHEET11
SHEET10
SHEET11
SHEET10
SHEET9
SHEET11
SHEET17
SHEET13
SHEET11,13
SHEET13
SHEET17
SHEET11
IPHS
IPVS
MICON_V
I2CEXT2

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
*1 : DTC114EKA-X
*2 : NQR0489-002X
NRZ : NRZ0034-0R0W
0.1 : NCF31CZ-104X
100/4 : NBE40GM-107X
*3 : NQR0413-003X

DIGITAL SIGNAL PWB ASS'Y(5/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

s10213001c_0930_3/12_0.0



#2 DIFFERENCE LIST (EU, ASIA/ US/ JPN(VGA)/ JPN(XGA))

NOTE								VGA	VGA	XGA	XGA				
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4060	47	47	47	47	47	47	47	OPEN	OPEN	OPEN	OPEN	47	47	47	47
R4062	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	0	0	OPEN	OPEN	OPEN	OPEN
R4061	0	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0
IC4005	OPEN	OPEN	OPEN	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	SN74LVC 1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R4008	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4051	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4053	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R4054	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
RA4001	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4002	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4003	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4004	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4005	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
RA4006	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	OPEN	OPEN	OPEN	NRZ0034 -0R0W	OPEN	OPEN	NRZ0034 -0R0W	OPEN
R4101	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4102	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4103	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R4104	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
RA4007	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4008	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4009	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4010	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4011	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W
RA4012	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W	NRZ0034 -0R0W	OPEN	NRZ0034 -0R0W

#3 DIFFERENCE LIST (Half-tone TYPE/ etc)

TYPE			Half-tone of OSD											Half-tone of OSD	Half-tone of OSD
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R4152	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

DIGITAL SIGNAL PWB ASS'Y(6/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

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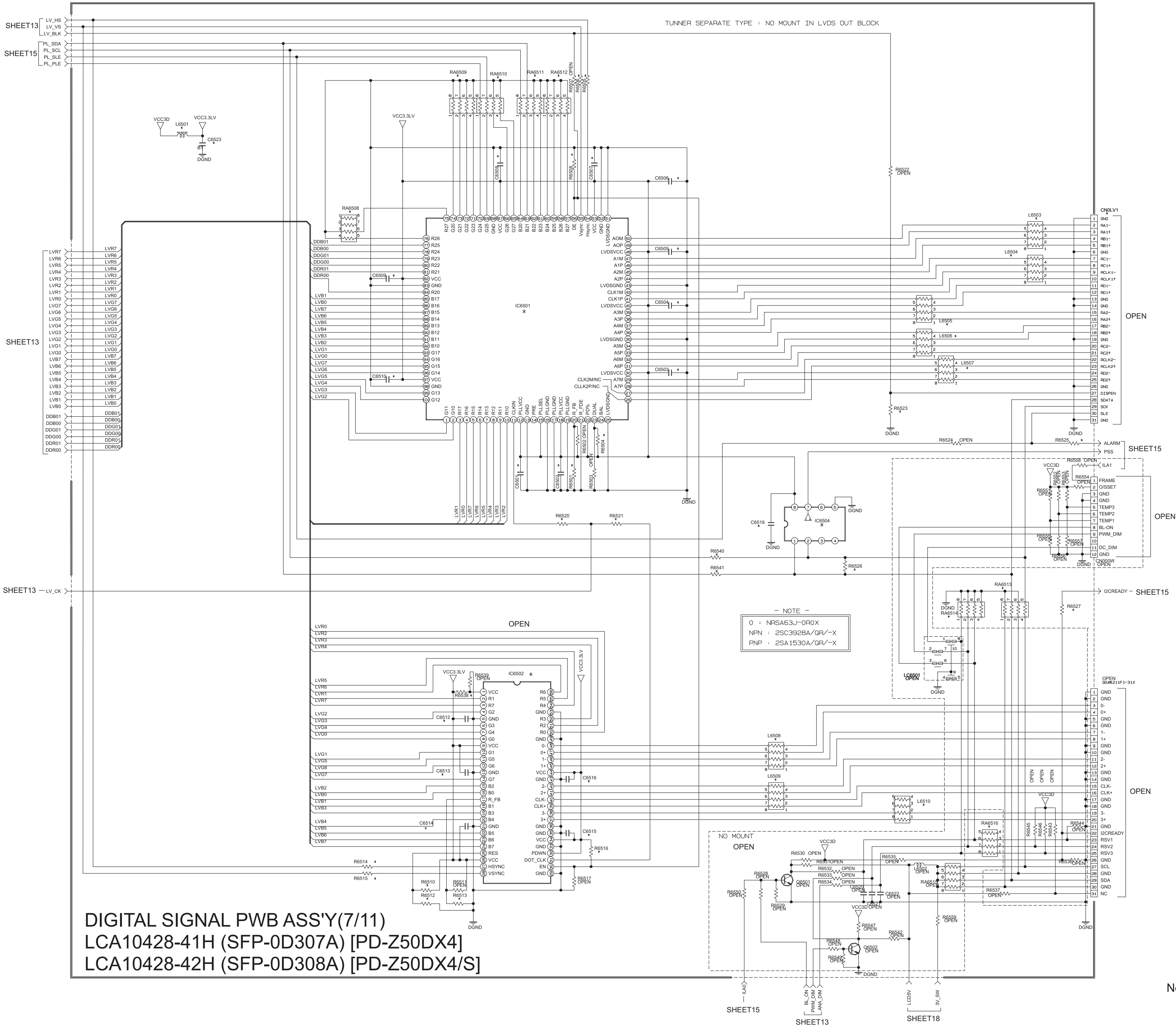
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 14



DIGITAL SIGNAL PWB ASS'Y(7/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

*** DIFFERENCE LIST** (SEPARATE TYPE NEC PANEL etc PANEL

NEC PANEL: MOUNT
etc PANEL: MOUNT
UNION TYPE: MOUNT

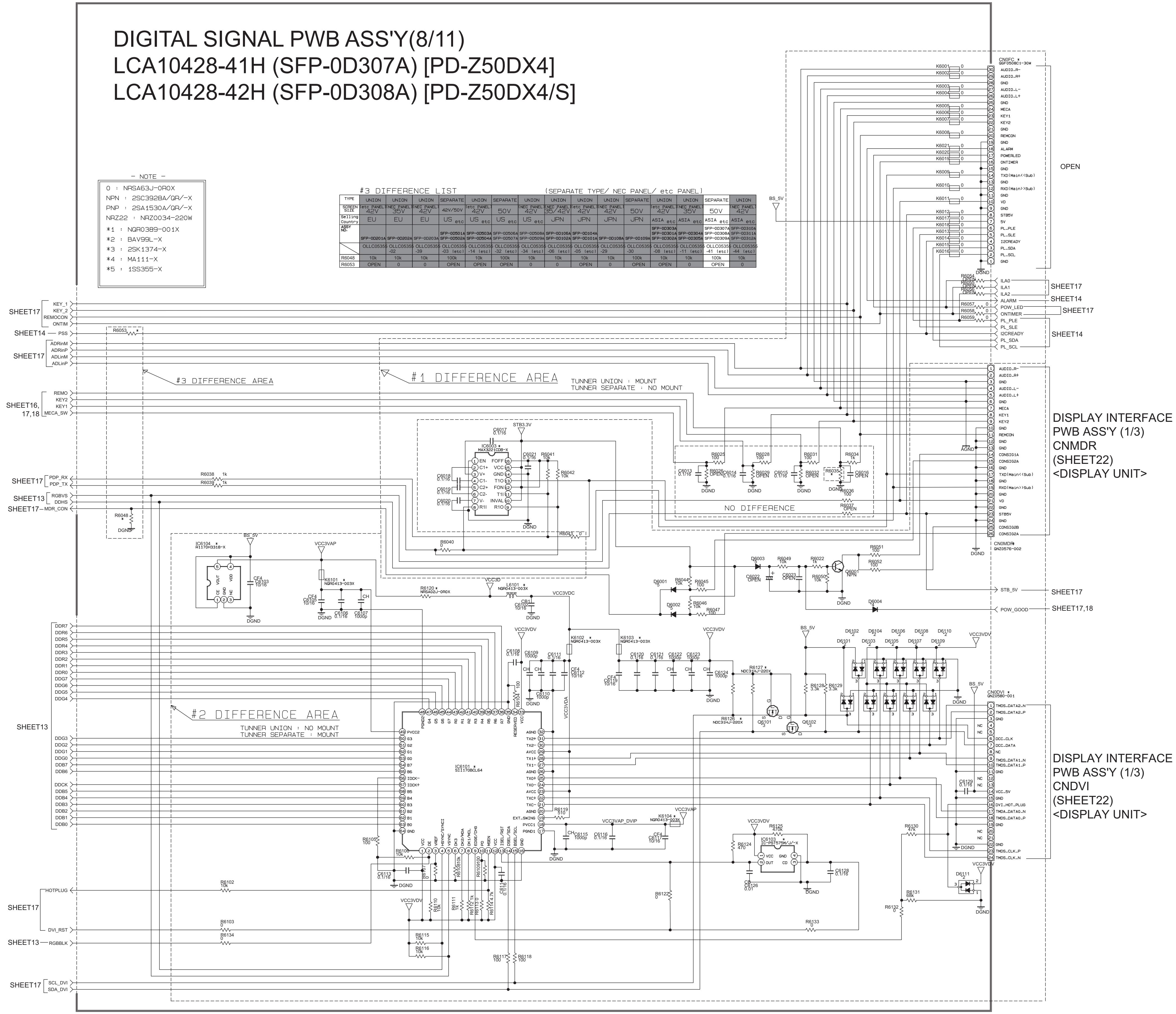
TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355-02	OLLC05355-39	OLLC05355-03 (etc)	OLLC05355-14 (etc)	OLLC05355-32 (etc)	OLLC05355-34	OLLC05355-06 (etc)	OLLC05355-05 (etc)	OLLC05355-29	OLLC05355-30	OLLC05355-08 (etc)	OLLC05355-11 (etc)	OLLC05355-41 (etc)	OLLC05355-44 (etc)
CN0LV1	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	QGA1211F2-31X	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	QGA1211F2-31X
IC6501	OPEN	DS90C387VJD	DS90C387VJD	OPEN	OPEN	OPEN	DS90C387VJD	DS90C387VJD	OPEN	DS90C387VJD	OPEN	OPEN	DS90C387VJD	OPEN	DS90C387VJD
IC6504	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	OPEN	OPEN	DS90LV018ATM-X	DS90LV018ATM-X	OPEN	DS90LV018ATM-X	OPEN	OPEN	DS90LV018ATM-X	OPEN	DS90LV018ATM-X
L6503	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6504	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6505	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6506	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
L6507	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
C6501	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6502	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6503	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6504	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6505	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6506	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6507	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6508	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6509	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6510	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
C6519	OPEN	0.1/16	0.1/16	OPEN	OPEN	OPEN	0.1/16	0.1/16	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	0.1/16
R6501	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6504	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6505	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6506	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6508	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6520	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0
R6523	OPEN	1k	1k	OPEN	OPEN	OPEN	1k	1k	OPEN	1k	OPEN	OPEN	1k	OPEN	1k
R6525	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
R6526	OPEN	100	100	OPEN	OPEN	OPEN	100	100	OPEN	100	OPEN	OPEN	100	OPEN	100
RA6508	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6509	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6510	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6511	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
RA6512	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	NRZ0034-0R0W	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	NRZ0034-0R0W
CN0LV2	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	QGA1211F2-31X	OPEN	OPEN	OPEN
IC6502	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	THC63LVDM83R-W	OPEN	OPEN	OPEN
L6508	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6509	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
L6510	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
C6512	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6513	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6514	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6515	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
C6516	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN	OPEN	OPEN
R6510	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6512	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN	OPEN	OPEN
R6513	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6514	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6515	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6516	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6521	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6527	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN	OPEN	OPEN
R6538	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
RA6513	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6514	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
RA6516	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	NRZ0034-0R0W	OPEN	OPEN	OPEN
R6540	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
R6541	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN	OPEN	OPEN
L6501	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X	NQR0351-001X	OPEN	NQR0351-001X
C6523	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	OPEN	10/10 B1	10/10 B1	10/10 B1	10/10 B1	OPEN	10/10 B1	10/10 B1	OPEN	10/10 B1

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.

s10213001c_0930_7/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (8/11) SHEET 15

DIGITAL SIGNAL PWB ASS'Y(8/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]



- NOTE -

0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X

#3 DIFFERENCE LIST (SEPARATE TYPE/ NEC PANEL/ etc PANEL)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
SCREEN SIZE	(etc PANEL) 42V	(NEC PANEL) 35V	(NEC PANEL) 42V	42V/50V	(etc PANEL) 42V	50V	(NEC PANEL) 42V	(NEC PANEL) 35/42V	(etc PANEL) 42V	(NEC PANEL) 42V	50V	(etc PANEL) 42V	(NEC PANEL) 35V	50V	(NEC PANEL) 42V
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6048	10k	10k	10k	100k	10k	100k	10k	10k	10k	10k	100k	10k	10k	100k	10k
R6053	OPEN	0	0	OPEN	OPEN	OPEN	0	0	OPEN	0	OPEN	OPEN	0	OPEN	0

#1 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
CN0FC	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W	QGF0508C1 -30W	OPEN	QGF0508C1 -30W
K6001	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6002	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6003	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6004	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6005	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6006	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6007	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6008	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6009	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6010	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6011	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6012	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6013	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6014	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6015	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6016	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6017	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6018	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6019	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6020	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
K6021	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6057	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6058	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6059	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6040	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0
R6043	0	0	0	OPEN	0	OPEN	0	0	0	0	OPEN	0	0	OPEN	0

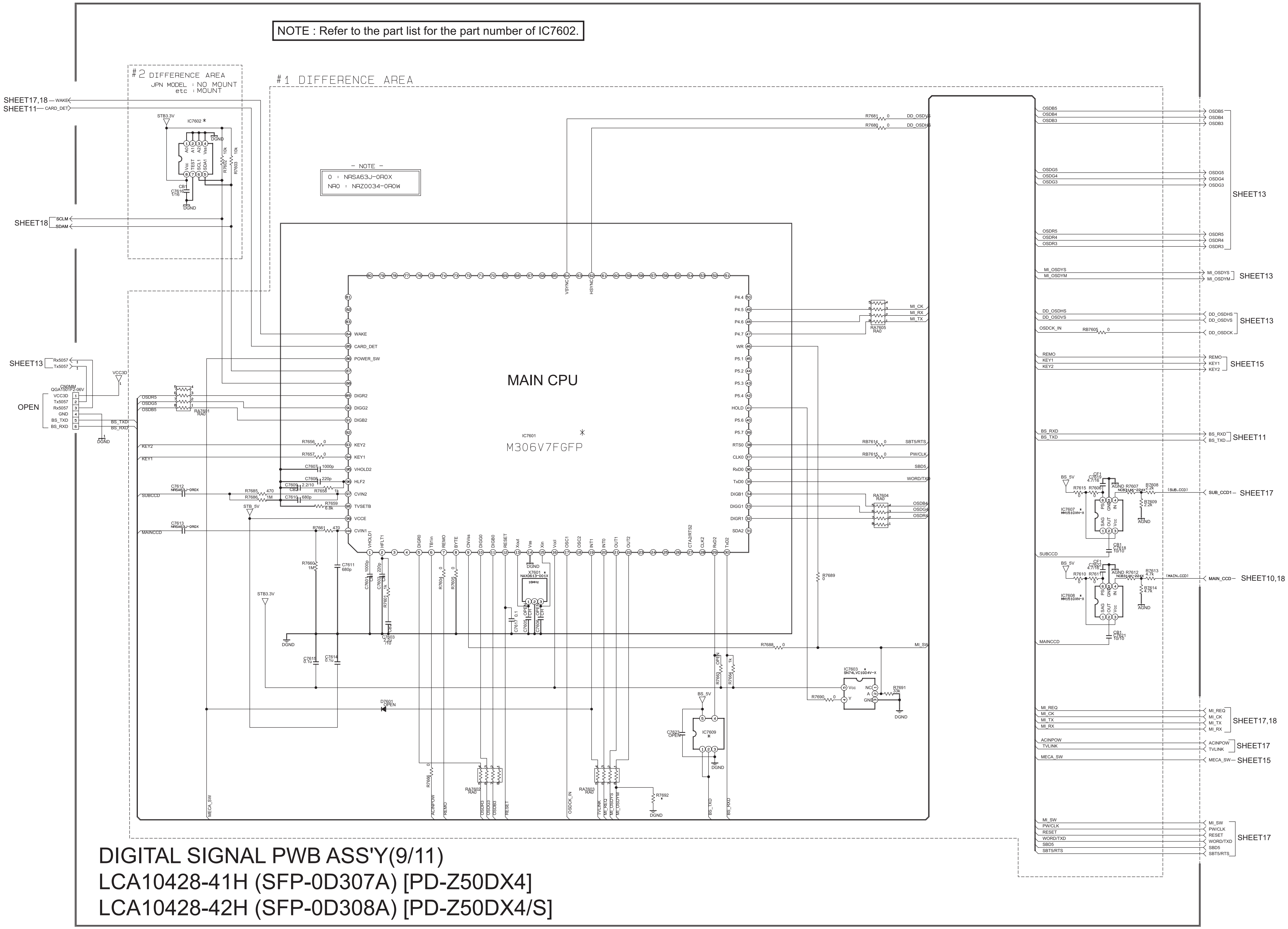
#2 DIFFERENCE LIST (UNION TYPE/ SEPARATE TYPE)

TYPE	UNION	UNION	UNION	SEPARATE	UNION	SEPARATE	UNION	UNION	UNION	UNION	SEPARATE	UNION	UNION	SEPARATE	UNION
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R6102	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6103	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6104	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6105	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6106	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6107	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6108	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6109	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6110	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6111	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6112	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
R6113	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6114	OPEN	OPEN	OPEN	4.7k	OPEN	4.7k	OPEN	OPEN	OPEN	OPEN	4.7k	OPEN	OPEN	4.7k	OPEN
R6115	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6116	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6117	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6118	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6119	OPEN	OPEN	OPEN	510	OPEN	510	OPEN	OPEN	OPEN	OPEN	510	OPEN	OPEN	510	OPEN
R6120	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X	OPEN
R6122	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6124	OPEN	OPEN	OPEN	470	OPEN	470	OPEN	OPEN	OPEN	OPEN	470	OPEN	OPEN	470	OPEN
R6125	OPEN	OPEN	OPEN	470k	OPEN	470k	OPEN	OPEN	OPEN	OPEN	470k	OPEN	OPEN	470k	OPEN
R6126	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6127	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	NDC31HJ -220X	OPEN	OPEN	OPEN	OPEN	NDC31HJ -220X	OPEN	OPEN	NDC31HJ -220X	OPEN
R6128	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6129	OPEN	OPEN	OPEN	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN	OPEN	3.3k	OPEN	OPEN	3.3k	OPEN
R6130	OPEN	OPEN	OPEN	47k	OPEN	47k	OPEN	OPEN	OPEN	OPEN	47k	OPEN	OPEN	47k	OPEN
R6131	OPEN	OPEN	OPEN	68k	OPEN	68k	OPEN	OPEN	OPEN	OPEN	68k	OPEN	OPEN	68k	OPEN
R6132	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6133	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
R6134	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	0	OPEN
Q6101	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
Q6102	OPEN	OPEN	OPEN	*3	OPEN	*3	OPEN	OPEN	OPEN	OPEN	*3	OPEN	OPEN	*3	OPEN
L6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6101	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6102	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6103	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
K6104	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	NQR0413 -003X	OPEN	OPEN	OPEN	OPEN	NQR0413 -003X	OPEN	OPEN	NQR0413 -003X	OPEN
IC6101	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	SII170BCL 64	OPEN	OPEN	OPEN	OPEN	SII170BCL 64	OPEN	OPEN	SII170BCL 64	OPEN
IC6103	OPEN	OPEN	OPEN	IC-PST575M /J/-X	OPEN	IC-PST575M /J/-X	OPEN	OPEN	OPEN	OPEN	IC-PST575M /J/-X	OPEN	OPEN	IC-PST575M /J/-X	OPEN
IC6104	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6101	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6102	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D6103	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6104	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6105	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6106	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6107	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6108	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6109	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6110	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
D6111	OPEN	OPEN	OPEN	*2	OPEN	*2	OPEN	OPEN	OPEN	OPEN	*2	OPEN	OPEN	*2	OPEN
C6102	OPEN	OPEN	OPEN	10/10 CB1	OPEN	10/10 CB1	OPEN	OPEN	OPEN	OPEN	10/10 CB1	OPEN	OPEN	10/10 CB1	OPEN
C6103	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6105	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6106	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6107	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6108	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6109	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6110	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6111	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6112	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6113	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6114	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6115	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6116	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6117	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6119	OPEN	OPEN	OPEN	10/16 CF4	OPEN	10/16 CF4	OPEN	OPEN	OPEN	OPEN	10/16 CF4	OPEN	OPEN	10/16 CF4	OPEN
C6120	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6121	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6122	OPEN	OPEN	OPEN	1000p CH	OPEN	1000p CH	OPEN	OPEN	OPEN	OPEN	1000p CH	OPEN	OPEN	1000p CH	OPEN
C6123	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6124	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6126	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6128	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6129	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
CN0DVI	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	QNZ0580 -001	OPEN	OPEN	OPEN	OPEN	QNZ0580 -001	OPEN	OPEN	QNZ0580 -001	OPEN
IC6003	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	MAX3221CDB -X	OPEN	OPEN	OPEN	OPEN	MAX3221CDB -X	OPEN	OPEN	MAX3221CDB -X	OPEN
C6017	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6018	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6019	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6020	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
C6021	OPEN	OPEN	OPEN	0.1/16	OPEN	0.1/16	OPEN	OPEN	OPEN	OPEN	0.1/16	OPEN	OPEN	0.1/16	OPEN
R6041	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6042	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6044	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6045	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6046	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6047	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6049	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6050	OPEN	OPEN	OPEN	10k	OPEN	10k	OPEN	OPEN	OPEN	OPEN	10k	OPEN	OPEN	10k	OPEN
R6051	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
R6052	OPEN	OPEN	OPEN	100	OPEN	100	OPEN	OPEN	OPEN	OPEN	100	OPEN	OPEN	100	OPEN
D6001	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6002	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6003	OPEN	OPEN	OPEN	*5	OPEN	*5	OPEN	OPEN	OPEN	OPEN	*5	OPEN	OPEN	*5	OPEN
D6004	OPEN	OPEN	OPEN	*4	OPEN	*4	OPEN	OPEN	OPEN	OPEN	*4	OPEN	OPEN	*4	OPEN
R6022	OPEN	OPEN	OPEN	1k	OPEN	1k	OPEN	OPEN	OPEN	OPEN	1k	OPEN	OPEN	1k	OPEN
Q6001	OPEN	OPEN	OPEN	NPN	OPEN	NPN	OPEN	OPEN	OPEN	OPEN	NPN	OPEN	OPEN	NPN	OPEN
CN0MDR	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	QNZ0576 -002	OPEN	OPEN	OPEN	OPEN	QNZ0576 -002	OPEN	OPEN	QNZ0576 -002	OPEN
R6035	OPEN	OPEN	OPEN	33k	OPEN	33k	OPEN	OPEN	OPEN	OPEN	33k	OPEN	OPEN	33k	OPEN
R6034	1k	1k	1k	6.8k	1k	6.8k	1k	1k	1k	1k	6.8k	1k	1k	6.8k	1k

s10213001c_0930_6/12_0.0

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (9/11) SHEET 16

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.


NOTE : Refer to the part list for the part number of IC7602.
#2 DIFFERENCE AREA
JPN MODEL : NO MOUNT
etc : MOUNT
#1 DIFFERENCE AREA
- NOTE -
0 : NRSA63J-0R0X
NR0 : NRZ0034-0R0W
MAIN CPU
IC7601
M306V7FGFP
IC7602
STB3.3V
DGND
A0
A1
A2
Vss
Vcc
TEST
SCL1
SDA1
R7602 10k
R7603 10k
CB1
C7616 1/16
SHEET17,18
WAKE
SHEET11
CARD_DET
SHEET18
SCLM
SDAM
SHEET13
Rx5057
Tx5057
OPEN
CN0MM
QGA1501F2-06V
VCC3D
GND
BS_TXD
BS_RXD
OSDR5
OSDG5
OSDB5
RA7601 RA0
KEY2
KEY1
SUBCCD
MAINCCD
C7612 NRSA63J-0R0X
C7613 NRSA63J-0R0X
R7685 470
R7686 1M
STB_5V
POWER_SW
DIGR2
DIGG2
DIGB2
R7656 0
R7657 0
C7607 1000p
VHOLD2
C7608 220p
HLF2
C7609 2.2/10 CB2
R7658 1k
C7610 680p
CVIN2
R7659 6.8k
TVSETB
VCCE
R7661 470
CVIN1
VHOLD1
HFLT1
R7660 1M
C7611 680p
C7601 1000p
C7602 220p
R7601 1k
C7603 2.2/10
C7615 0.1u
C7614 0.1u
VSYNC
HSYNC
R7681 0
R7680 0
DD_OSDVS
DD_OSDHS
P4.4
P4.5
P4.6
P4.7
WR
P5.1
P5.2
P5.3
P5.4
HOLD
P5.6
P5.7
RTS0
CLK0
RxD0
TxD0
DIGB1
DIGG1
DIGR1
SDA2
MI_CK
MI_RX
MI_TX
RA7605 RA0
RB7614 0
RB7615 0
SBT5/RTS
PW/CLK
SBD5
WORD/TXD
RA7604 RA0
OSDB4
OSDG4
OSDR4
DIGR0
TB1in
REMO
BYTE
CNVss
DIGG0
DIGB0
RESET
Xout
Vss
Xin
Vcc
OSC1
OSC2
INT1
INT0
OUT1
OUT2
CTA2/RTS2
CLK2
RxD2
TxD2
X7601 NAX0613-001X 16MHz
R7664 0
R7665 0
C7617 0.1
C7606
C7605
R7689 0
R7688 0
MI_SW
IC7603 SN74LVC1G04V-X
R7690 0
R7691 33k
R7662
R7663
BS_5V
C7621 OPEN
IC7609
D7601 OPEN
R7666 0
RA7602 RA0
RA7603 RA0
R7692
MECA_SW
ACINPOW
OSDR3
OSDG3
OSDB3
OSDCK_IN
TVLINK
MI_REQ
MI_OSDYM
BS_TXD
BS_RXD
OSDB5
OSDB4
OSDB3
OSDG5
OSDG4
OSDG3
OSDR5
OSDR4
OSDR3
SHEET13
MI_OSDYS
MI_OSDYM
DD_OSDHS
DD_OSDVS
OSDCK_IN
RB7605 0
DD_OSDCK
REMO
KEY1
KEY2
SHEET15
SHEET11
BS_5V
CF1
C7619 4.7/16
R7615
R7606
AGND
R7607
NCB31AK-224X
R7608 2.2k
R7609 2.2k
IC7607 MM1510XN-X
SAG
OUT
Vcc
IN
GND
PS
CB3
C7618 10/10
(SUB_CCD)
SUB_CCD1
SHEET17
R7610
R7611
R7612
C7622 4.7/16
R7613 4.7k
R7614 4.7k
IC7608 MM1510XN-X
C7621 10/10
(MAIN_CCD)
MAIN_CCD
SHEET10,18
MI_REQ
MI_CK
MI_TX
MI_RX
SHEET17,18
ACINPOW
TVLINK
SHEET17
MECA_SW
SHEET15
MI_SW
PW/CLK
RESET
WORD/TXD
SBD5
SBT5/RTS
SHEET17

DIGITAL SIGNAL PWB ASS'Y(9/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

※The blank part of a difference list : Refer to circuit block.

#1 DIFFERENCE LIST (US MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
X7601	OPEN	OPEN	OPEN	NAX0613-001X	NAX0613-001X	NAX0613-001X	NAX0613-001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RB7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
RA7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7604	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7605	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7606	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7607	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7612	OPEN	OPEN	OPEN	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	NCB31AK-224X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7613	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7656	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7657	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7658	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7659	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7660	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7661	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7664	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7666	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7680	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7681	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7685	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7686	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7688	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7689	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7690	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7691	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7601	OPEN	OPEN	OPEN	M306V7FGFP	M306V7FGFP	M306V7FGFP	M306V7FGFP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7603	OPEN	OPEN	OPEN	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	SN74LVC1G04V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7607	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
IC7608	OPEN	OPEN	OPEN	MM1510XN-X	MM1510XN-X	MM1510XN-X	MM1510XN-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7601	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7602	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7603	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7607	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7608	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7609	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7610	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7611	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7612	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7613	OPEN	OPEN	OPEN	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	NRSA63J-0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7614	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7615	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7617	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7618	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7619	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7621	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7622	OPEN	OPEN	OPEN					OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7692	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	10k	10k	10k	10k
IC7609	OPEN	OPEN	OPEN	SN74AHC1G08V-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
IC7602	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	24LC16B/SN-X	OPEN	OPEN	OPEN	OPEN	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X	24LC32A-I/SN-X
R7602	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
R7603	10k	10k	10k	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k
C7616	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1	OPEN	OPEN	OPEN	OPEN	1/16 CB1	1/16 CB1	1/16 CB1	1/16 CB1

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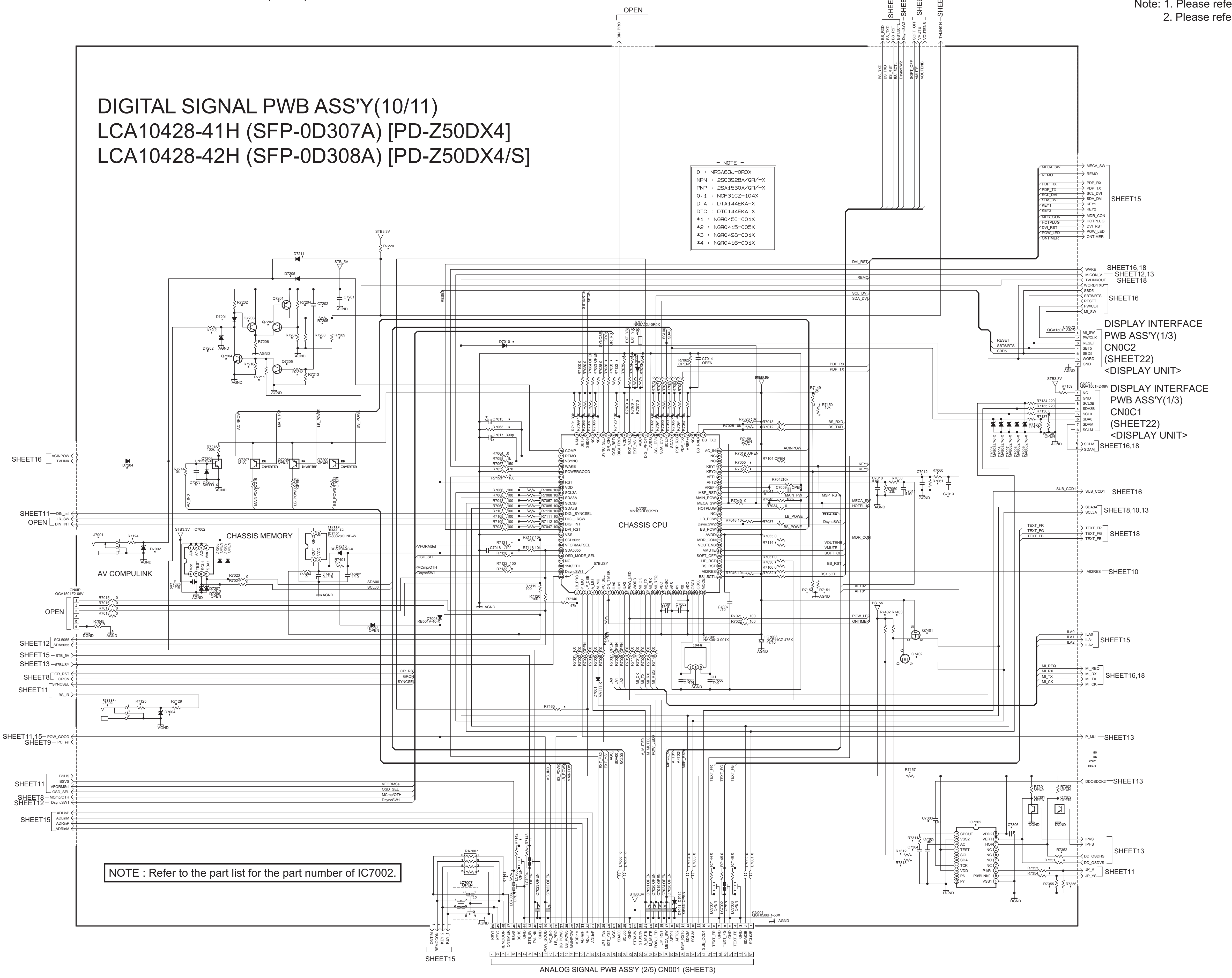
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (10/11) SHEET 17

Note: 1. Please refer to page 2-81 for voltages of this circuit diagram.
2. Please refer to page 2-84 for waveforms of this circuit diagram.



DIGITAL SIGNAL PWB ASS'Y(10/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

– NOTE –
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR/-X
PNP : 2SA1530A/QR/-X
0.1 : NCF31CZ-104X
DTA : DTA144EKA-X
DTC : DTC144EKA-X
*1 : NQR0450-001X
*2 : NQR0415-005X
*3 : NQR0498-001X
*4 : NQR0416-001X

NOTE : Refer to the part list for the part number of IC7002.

#3 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/etc)

	ATSC /BS·DTV	–	–	–	ATSC CONNECT	–	–	–	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	–	–	–	–
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
VS	R7141	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
HS	R7142	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
ENB	R7114	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
CTL	R7032	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
RST	R7030	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

#4 DIFFERENCE LIST (DIGITAL_IN BLOCK USED MODEL/ etc)

	NOTE			DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED	DIGITAL_IN BLOCK USED								
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
*DIN_PRO	R7122	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
*DIGI_P-HOT	R7160	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#5 DIFFERENCE LIST (DIGITAL IN MODEL/etc)

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL			DIGITAL IN MODEL	DIGITAL IN MODEL
	Selling Country	EU	EU	EU	US etc	US etc			JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
DsyncSW2	R7037	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0
DsyncSW1	R7133	OPEN	OPEN	0	0	0	0	0	0	0	0	0	OPEN	OPEN	0	0

#1 DIFFERENCE LIST (JPN MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7012	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7013	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7050	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7036	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
C7015	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.001	0.001	0.001	0.001	OPEN	OPEN	OPEN	OPEN
R7063	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100K	100K	100K	100K	OPEN	OPEN	OPEN	OPEN
J7002	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	OPEN	OPEN	OPEN	OPEN
R7125	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
R7129	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	47	47	47	47	OPEN	OPEN	OPEN	OPEN
R7131	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7004	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	MA8082 /M/-X	OPEN	OPEN	OPEN	OPEN
Q7401	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
Q7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SK1374-X	2SK1374-X	2SK1374-X	2SK1374-X	OPEN	OPEN	OPEN	OPEN
IC7302	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	M35047 -069FP-X	OPEN	OPEN	OPEN	OPEN
R7402	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7403	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN
R7311	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1k	1k	1k	1k	OPEN	OPEN	OPEN	OPEN
R7312	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
R7313	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	100	100	100	100	OPEN	OPEN	OPEN	OPEN
C7303	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1000p CH	1000p CH	1000p CH	1000p CH	OPEN	OPEN	OPEN	OPEN
C7304	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN
C7305	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	1/10	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN
C7306	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0.1 F	0.1 F	0.1 F	0.1 F	OPEN	OPEN	OPEN	OPEN
R7351	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7352	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	22	22	22	22	OPEN	OPEN	OPEN	OPEN
R7353	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7354	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	6.8k	6.8k	6.8k	6.8k	OPEN	OPEN	OPEN	OPEN
R7355	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7356	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	12k	12k	12k	12k	OPEN	OPEN	OPEN	OPEN
R7157	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN
D7205	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
D7010	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN
R7130	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

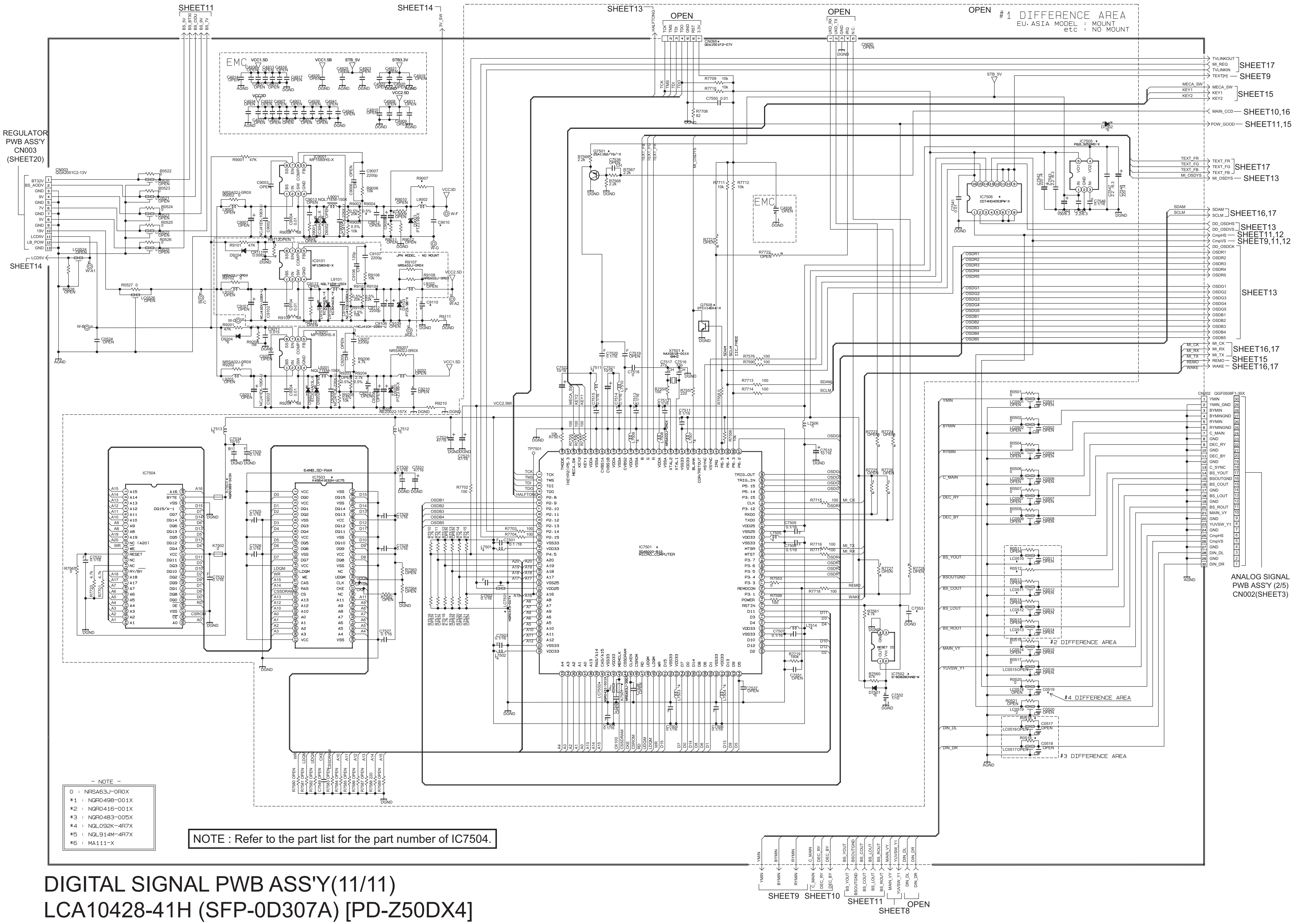
#2 DIFFERENCE LIST (EU MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
Q7201	PNP	PNP	PNP	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7202	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7203	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7204	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
Q7205	NPN	NPN	NPN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7201	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
D7202	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7201	1/10	1/10	1/10	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C7202	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7202	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7203	220	220	220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7204	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7205	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7206	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7207	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7208	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7209	1.5k	1.5k	1.5k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7210	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7211	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7212	47k	47k	47k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7213	1k	1k	1k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7078	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R7079	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
J7001	OPEN	OPEN	OPEN	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001	QNS0001 -001
D7002	OPEN	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X	MA8051 /M/-X
R7124	OPEN	OPEN	OPEN	100	100	100	100	100	100	100	100	100	100	100	100

#6 DIFFERENCE LIST

	NOTE			DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL	DIGITAL IN MODEL				
	Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
	ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
		OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
AFT2	R7058	1k	1k	1k	22k	22k	22k	22k	1k	1k	1k	1k	1k	1k	1k	1k
TV_LINK	D7204	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
TVLINKIN	D7211	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MA111-X	MA111-X	MA111-X	MA111-X
STB3.3V-TVLINKIN	R7220	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	18k	18k	18k	18k
KEY1-GND	R7151	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
KEY2-GND	R7152	27k	27k	27k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	27k	27k	27k	27k
MECA_SW-GND	R7040	33k	33k	33k	100k	100k	100k	100k	100k	100k	100k	100k	33k	33k	33k	33k
KEY2	R7053	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
KEY1	R7055	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	100	100	100	100	OPEN	OPEN	OPEN	OPEN
AGC-GND	R7073	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS1-GND	R7074	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
EXT_YS2-GND	R7075	OPEN	OPEN	OPEN	OPEN	0	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
AFT1	C7012	1/10	1/10	1/10	0.01	0.015/16	0.01	0.015/16	1/10	1/10	1/10	1/10	0.1/16	0.1/16	0.1/16	0.1/16
AFT1	R7060	47k	47k	47k	22k	22k	22k	22k	33k	33k	33k	33k	47k	47k	47k	47k
AFT1	R7061	100k	100k	100k	OPEN	33k	OPEN	33k	150k	150k	150k	150k	100k	100k	100k	100k
AFT1	C7013	0.01	0.01	0.01	OPEN	OPEN	OPEN	OPEN	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
※	C7203	F 0.1/16	F 0.1/16	F 0.1/16	0.047/16	0.047/16	0.047/16	F 0.1/16	F 0.1/16	0.039/16	F 0.1/16	0.039/16	F 0.1/16	F 0.1/16	0.047/16	F 0.1/16
	D7013	OPEN	OPEN	MA111-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET 18



- NOTE -
0 : NRSA63J-0R0X
*1 : NQR0498-001X
*2 : NQR0416-001X
*3 : NQR0483-005X
*4 : NQL092K-4R7X
*5 : NQL914M-4R7X
*6 : MA111-X

NOTE : Refer to the part list for the part number of IC7504.

DIGITAL SIGNAL PWB ASS'Y(11/11)
LCA10428-41H (SFP-0D307A) [PD-Z50DX4]
LCA10428-42H (SFP-0D308A) [PD-Z50DX4/S]

※The blank part of a difference list : Refer to circuit block.

#5 DIFFERENCE LIST (ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9102	NCJ41EK -106X-U	NCJ41EK -106X-U	NCJ41EK -106X-U	OPEN	NCJ41EK -106X-U	NCJ41EK -106X-U	NCJ41EK -106X-U	OPEN	OPEN	OPEN	OPEN	NCJ41EK -106X-U	NCJ41EK -106X-U	NCJ41EK -106X-U	NCJ41EK -106X-U
C9104				OPEN				OPEN	OPEN	OPEN	OPEN				
C9105	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U
C9106				OPEN				OPEN	OPEN	OPEN	OPEN				
C9107				OPEN				OPEN	OPEN	OPEN	OPEN				
C9108	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U
C9111				OPEN				OPEN	OPEN	OPEN	OPEN				
C9112				OPEN				OPEN	OPEN	OPEN	OPEN				
D9101	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN	OPEN	OPEN	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X
D9102	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN	OPEN	OPEN	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X
D9103	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN	OPEN	OPEN	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X
D9104				OPEN				OPEN	OPEN	OPEN	OPEN				
IC9101	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN	OPEN	OPEN	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	MP1580HS-X
L9101	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	OPEN	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	OPEN	OPEN	OPEN	OPEN	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X
R9101				OPEN				OPEN	OPEN	OPEN	OPEN				
R9102	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
R9103				OPEN				OPEN	OPEN	OPEN	OPEN				
R9104				OPEN				OPEN	OPEN	OPEN	OPEN				
R9105				OPEN				OPEN	OPEN	OPEN	OPEN				
R9106				OPEN				OPEN	OPEN	OPEN	OPEN				
R9107	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
R9108	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
R9109				OPEN				OPEN	OPEN	OPEN	OPEN				
R9208	1M	1M	1M	470k	1M	1M	1M	470k	470k	470k	470k	1M	1M	1M	1M

#3 DIFFERENCE LIST (DIGITAL IN BLOCK USED MODEL/ etc)

TYPE	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED	—	—	—	—	—	—	DIGITAL IN BLOCK USED	DIGITAL IN BLOCK USED
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R0519	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0
R0518	OPEN	OPEN	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	0	0

#6 DIFFERENCE LIST (BS-DTV OR ATSC CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C9010	OPEN	OPEN	OPEN	NCJ41CK -226X-U	OPEN	OPEN	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN
R9004	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	150k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%	120k 0.5%
R9007	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L9002	OPEN	OPEN	OPEN	NQL52EM -100X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C9008	OPEN	OPEN	OPEN	NCJ41CK -226X-U	OPEN	OPEN	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN
C9110	OPEN	OPEN	OPEN	NCJ41CK -226X-U	OPEN	OPEN	OPEN	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	NCJ41CK -226X-U	OPEN	OPEN	OPEN	OPEN

#2 DIFFERENCE LIST (ATSC OR BS-DTV CONNECT MODEL/ etc)

NOTE	—	—	—	ATSC CONNECT	—	—	—	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	BS-DTV CONNECT	—	—	—	—
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
LC0510	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0511	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0512	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
LC0513	OPEN	OPEN	OPEN	*1	OPEN	OPEN	OPEN	*1	*1	*1	*1	OPEN	OPEN	OPEN	OPEN
R0512	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	0	0	0	0	OPEN	OPEN	OPEN	OPEN

※The blank part of a difference list : Refer to circuit block.

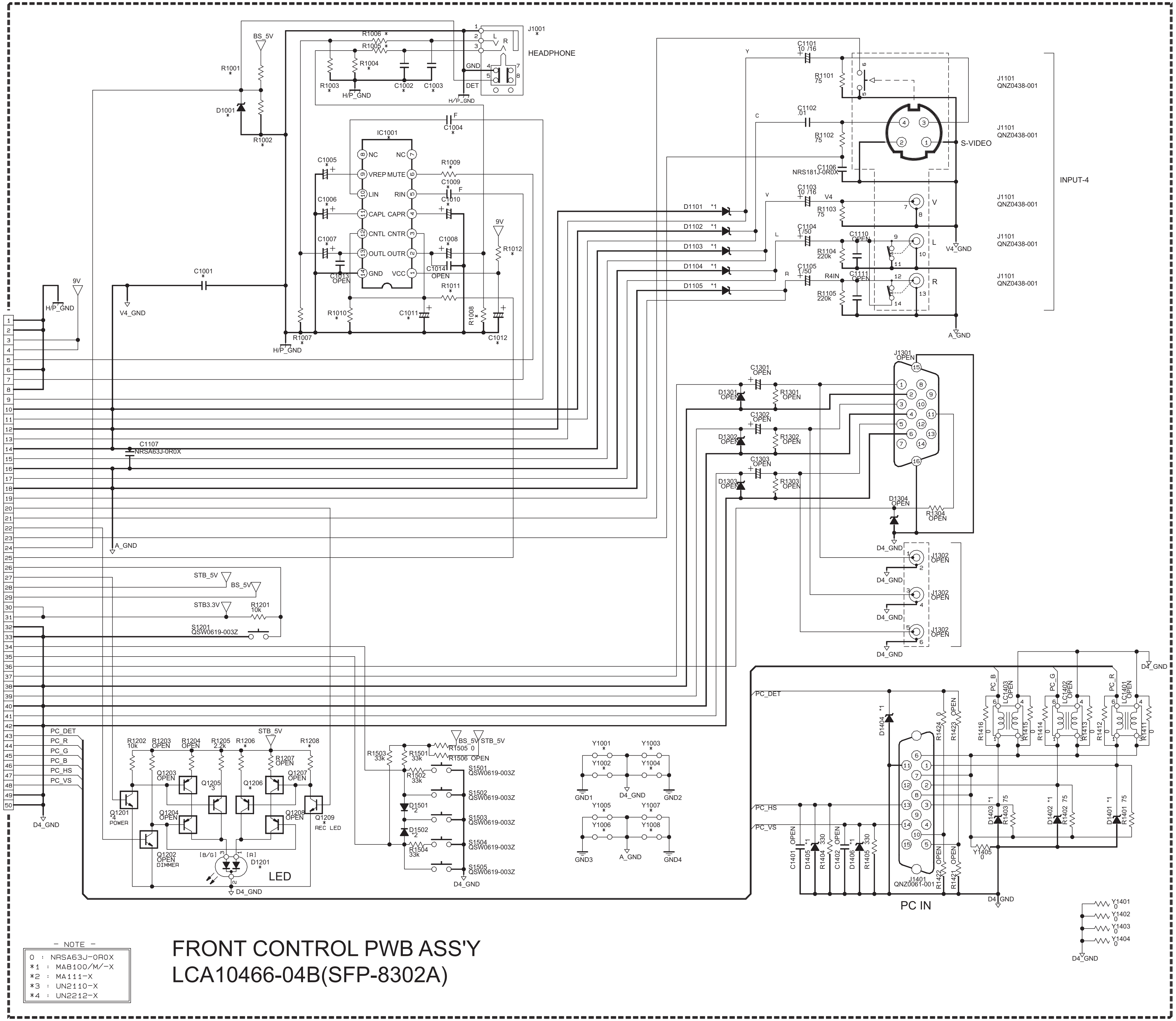
#1 DIFFERENCE LIST (EU·ASIA MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
R7701				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7702				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7703				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7704				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7705				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7706				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7707				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7708				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7709				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7710				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7711				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7712				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7713				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7714				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7715				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7716				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7717				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7718				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7720				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
X7501	NAX0618 -001X	NAX0618 -001X	NAX0618 -001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NAX0618 -001X	NAX0618 -001X	NAX0618 -001X	NAX0618 -001X
TP7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7553				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7556				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7557				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7558				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7559				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7560				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7561				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7562				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7563				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7564				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7565				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7566				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7567				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7568				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7576				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7580				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7581				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7582				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7583				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7584				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7585				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7586				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7587				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7588				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7589				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7590				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7599				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
Q7501	2SA1162 /YG/-X	2SA1162 /YG/-X	2SA1162 /YG/-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	2SA1162 /YG/-X	2SA1162 /YG/-X	2SA1162 /YG/-X	2SA1162 /YG/-X
Q7508	DTC114EKA -X	DTC114EKA -X	DTC114EKA -X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	DTC114EKA -X	DTC114EKA -X	DTC114EKA -X	DTC114EKA -X
LC7501	NQR0313 -007X	NQR0313 -007X	NQR0313 -007X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0313 -007X	NQR0313 -007X	NQR0313 -007X	NQR0313 -007X
LC7502	NQR0431 -001X	NQR0431 -001X	NQR0431 -001X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0431 -001X	NQR0431 -001X	NQR0431 -001X	NQR0431 -001X
L7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7508	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X
L7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
L7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7501	NRSA63J -390X	NRSA63J -390X	NRSA63J -390X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NRSA63J -390X	NRSA63J -390X	NRSA63J -390X	NRSA63J -390X
K7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
K7503	NQR0389 -003X	NQR0389 -003X	NQR0389 -003X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	NQR0389 -003X	NQR0389 -003X	NQR0389 -003X	NQR0389 -003X
IC7501	SDA6000 -B12	SDA6000 -B12	SDA6000 -B12	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	SDA6000 -B12	SDA6000 -B12	SDA6000 -B12	SDA6000 -B12
IC7502	S-80828 CNNB-W	S-80828 CNNB-W	S-80828 CNNB-W	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	S-80828 CNNB-W	S-80828 CNNB-W	S-80828 CNNB-W	S-80828 CNNB-W
IC7503	K4S641632H -UC75	K4S641632H -UC75	K4S641632H -TC75	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	K4S641632H -UC75	K4S641632H -UC75	K4S641632H -TC75	K4S641632H -TC75
IC7504	MR27T1602F 1LSTN	MR27T1602F 1LSTN	MR27T1602F 1LSTN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	MR27T1602F 1KDTN	MR27T1602F 1KDTN	MR27T1602F 1KDTN	MR27T1602F 1KDTN
IC7505	PQ2L3252 MS-X	PQ2L3252 MS-X	PQ2L3252 MS-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	PQ2L3252 MS-X	PQ2L3252 MS-X	PQ2L3252 MS-X	PQ2L3252 MS-X
IC7506	CD74HC4053 PW-X	CD74HC4053 PW-X	CD74HC4053 PW-X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	CD74HC4053 PW-X	CD74HC4053 PW-X	CD74HC4053 PW-X	CD74HC4053 PW-X
D7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7501				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7503				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7504				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7505				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7506				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7507				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7508				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7509				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7510				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7511				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7512				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7513				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7514				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7515				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7516				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7517				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7518				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7519				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7520				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7521				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7522				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7523				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7524				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7525				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7526				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7527				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7528				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7529				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7530				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7531				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7532				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7533				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7534				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7535				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7536				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7541				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7542				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7543				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7544				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7545				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7546				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7547				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7548				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7549				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
C7550				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
CN0MI	QGA1501F2 -07V	QGA1501F2 -07V	QGA1501F2 -07V	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	QGA1501F2 -07V	QGA1501F2 -07V	QGA1501F2 -07V	QGA1501F2 -07V
C7552				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
D7502				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				
R7719				OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN				

#4 DIFFERENCE LIST (EU· ASIA MODEL/ etc)

NOTE															
Selling Country	EU	EU	EU	US etc	US etc	US etc	US etc	JPN	JPN	JPN	JPN	ASIA etc	ASIA etc	ASIA etc	ASIA etc
ASSY NO.	SFP-0D201A	SFP-0D202A	SFP-0D203A	SFP-0D501A SFP-0D502A	SFP-0D503A SFP-0D504A	SFP-0D506A SFP-0D507A	SFP-0D508A SFP-0D509A	SFP-0D106A SFP-0D102A	SFP-0D104A SFP-0D101A	SFP-0D108A	SFP-0D109A	SFP-0D303A SFP-0D301A SFP-0D302A	SFP-0D304A SFP-0D305A	SFP-0D307A SFP-0D308A SFP-0D309A	SFP-0D310A SFP-0D311A SFP-0D312A
	OLLC05355	OLLC05355 -02	OLLC05355 -39	OLLC05355 -03 (etc)	OLLC05355 -14 (etc)	OLLC05355 -32 (etc)	OLLC05355 -34 (etc)	OLLC05355 -06 (etc)	OLLC05355 -05 (etc)	OLLC05355 -29	OLLC05355 -30	OLLC05355 -08 (etc)	OLLC05355 -11 (etc)	OLLC05355 -41 (etc)	OLLC05355 -44 (etc)
C0519	OPEN	OPEN	OPEN	56p	56p	56p	56p	56p	56p	56p	56p	OPEN	OPEN	OPEN	OPEN
C7553	470p	470p	470p	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	470p	470p	470p	470p

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 19



J1001
HEADPHONE
BS_5V
R1001
D1001
R1002
R1003
R1004
R1005
R1006
C1002
C1003
H/P_GND
IC1001
C1004
C1005
C1006
C1007
C1008
C1009
C1010
C1011
C1012
C1013 OPEN
C1014 OPEN
R1007
R1008
R1009
R1010
R1011
R1012
9V
C1001
V4_GND
NC
VREP MUTE
LIN
RIN
CAPL CAPR
CNTL CNTR
OUTL OUTR
GND
VCC
J1101 QNZ0438-001
S-VIDEO
INPUT-4
C1101
C1102
C1103
C1104
C1105
C1106 NRS181J-0R0X
C1110 OPEN
C1111 OPEN
R1101 75
R1102 75
R1103 75
R1104 220k
R1105 220k
D1101 *1
D1102 *1
D1103 *1
D1104 *1
D1105 *1
A_GND
J1301 OPEN
C1301 OPEN
C1302 OPEN
C1303 OPEN
D1301 OPEN
D1302 OPEN
D1303 OPEN
D1304 OPEN
R1301 OPEN
R1302 OPEN
R1303 OPEN
R1304 OPEN
J1302 OPEN
D4_GND
CN800F QGF0508F1-50X
ANALOG SIGNAL PWB ASS'Y(1/5) CN00F (SHEET2)
1 GND
2 GND
3 9V
4 9V
5 HP_MUTE
6 RGND
7 HPR
8 LGND
9 HPL
10 GND
11 C4
12 GND
13 Y4
14 GND
15 V4
16 GND
17 L4
18 GND
19 R4
20 REC_LED
21 S4_DET
22 DIMMER
23 S2_4
24 HP_DET
25 HP_VOL
26 MECHA_SW
27 POWERLED
28 STB_5V
29 BS_5V
30 STB3.3V
31 STB3.3V
32 GND
33 GND
34 SELSW1
35 SELSW2
36 D43
37 COMY4
38 COMY4GND
39 COMPB4
40 COMPB4GND
41 COMPR4
42 COMPR4GND
43 PC_DET
44 PC_R
45 PC_G
46 PC_B
47 PC_HS
48 PC_VS
49 GND
50 GND
C1107 NRSA63J-0R0X
STB_5V
STB3.3V
R1201 10k
S1201 QSW0619-003Z
R1202 10k
R1203 OPEN
R1204 OPEN
R1205 2.2k
R1206
R1207 OPEN
R1208
Q1201 *4 POWER
Q1202 OPEN DIMMER
Q1203 OPEN
Q1204 OPEN
Q1205 *3
Q1206
Q1207 OPEN
Q1208 OPEN
Q1209 REC LED
D1201
[B/G] [R]
LED
R1501 33k
R1502 33k
R1503 33k
R1504 33k
R1505 0
R1506 OPEN
D1501 *2
D1502 *2
S1501 QSW0619-003Z
S1502 QSW0619-003Z
S1503 QSW0619-003Z
S1504 QSW0619-003Z
S1505 QSW0619-003Z
Y1001
Y1002
Y1003
Y1004
Y1005
Y1006
Y1007
Y1008
GND1
GND2
GND3
GND4
PC_DET
PC_HS
PC_VS
PC_R
PC_G
PC_B
LC1401 OPEN
LC1402 OPEN
LC1403 OPEN
D1401 *1
D1402 *1
D1403 *1
D1404 *1
D1405 *1
D1406 *1
R1401 75
R1402 75
R1403 75
R1404 330
R1405 330
C1401 OPEN
C1402 OPEN
Y1401 0
Y1402 0
Y1403 0
Y1404 0
Y1405 0
J1401 QNZ0061-001
PC IN

FRONT CONTROL PWB ASS'Y
LCA10466-04B(SFP-8302A)

- NOTE -

0 : NRSA63J-0R0X
*1 : MA8100/M/-X
*2 : MA111-X
*3 : UN2110-X
*4 : UN2212-X

* DIFFERENCE LIST

NOTE	US	TAIWAN KOREA	ASIA
MODEL	TU-50X795ZA TU-42X795SA	TU-50X575TZA TU-50X575KZA	TU-Z50DX4A TU-Z50DX4SA TU-Z50DX4CA
ASSY NO.	SFP-8501A	SFP-8506A	SFP-8302A
	OLLC05783	OLLC05783 -03	OLLC05783 -04
C1001	NRSA63J -0R0X	NRSA63J -0R0X	NRSA63J -0R0X
C1002	OPEN	OPEN	0.1
C1003	OPEN	OPEN	0.1
C1004	OPEN	OPEN	1/10 F
C1005	OPEN	OPEN	10/16
C1006	OPEN	OPEN	1/50
C1007	OPEN	OPEN	100/10
C1008	OPEN	OPEN	100/10
C1009	OPEN	OPEN	1/10 F
C1010	OPEN	OPEN	1/50
C1011	OPEN	OPEN	1/50
C1012	OPEN	OPEN	100/10
D1001	OPEN	OPEN	MA8039 /H/-X
D1201	SMLU12E16W -P	SMLU12E16W -P	SMLU12E16W -P
IC1001	OPEN	OPEN	NJM2777M-X
J1001	OPEN	OPEN	QNS0051 -001
R1001	OPEN	OPEN	10k
R1002	10k	10k	OPEN
R1003	OPEN	OPEN	1k
R1004	OPEN	OPEN	1k
R1005	OPEN	OPEN	100
R1006	OPEN	OPEN	100
R1007	OPEN	OPEN	22k
R1008	OPEN	OPEN	22k
R1009	OPEN	OPEN	100
R1010	OPEN	OPEN	22k
R1011	OPEN	OPEN	10k
R1012	OPEN	OPEN	QRL036J -330
Y1001	0	OPEN	OPEN
Y1002	0	OPEN	OPEN
Y1003	0	OPEN	OPEN
Y1004	0	OPEN	OPEN
Y1005	0	OPEN	OPEN
Y1006	0	OPEN	OPEN
Y1007	0	OPEN	OPEN
Y1008	0	OPEN	OPEN
Q1206	*3	*3	OPEN
Q1209	*4	*4	OPEN
R1206	3.3k	3.3k	OPEN
R1208	10k	10k	OPEN

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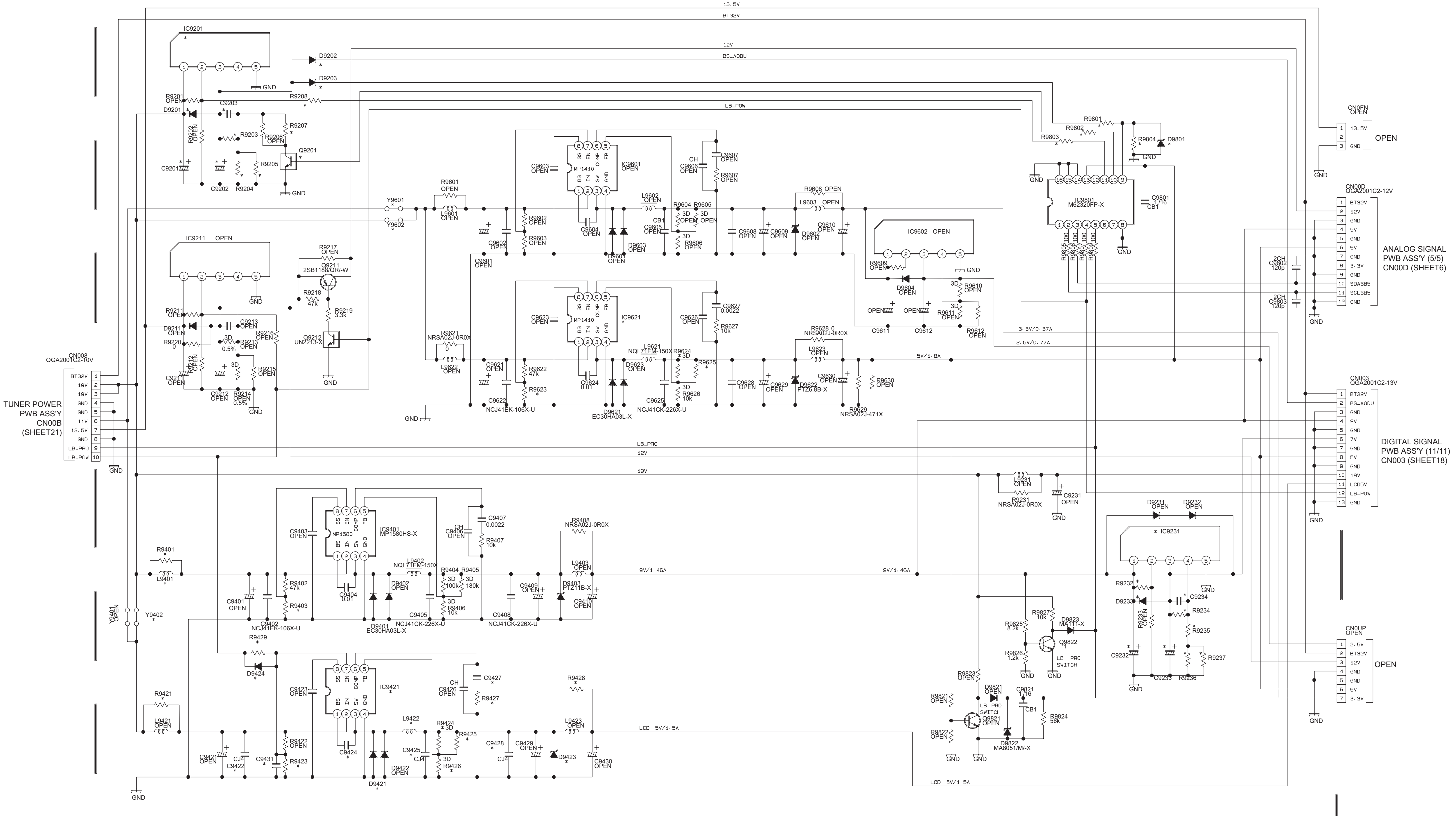
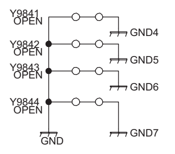
REGULATOR PWB CIRCUIT DIAGRAM SHEET 20


IC9201
IC9211 OPEN
D9202
D9203
Q9201
Q9211 2SB1188(QR)-W
Q9212 UN2213-X
IC9601 MP1410
IC9621 MP1410
IC9602 OPEN
IC9801 M62320FP-X
IC9401 MP1580HS-X
IC9421
IC9231
Q9821
Q9822
LB PRO SWITCH
D9801
13.5V
BT32V
12V
BS_AODU
LB_POW
LB_PRO
19V
3.3V/0.37A
2.5V/0.77A
5V/1.8A
9V/1.46A
LCD 5V/1.5A
CN008 QGA2001C2-10V
TUNER POWER PWB ASS'Y CN00B (SHEET21)
CN0FN OPEN
CN00D QGA2001C2-12V
ANALOG SIGNAL PWB ASS'Y (5/5) CN00D (SHEET6)
CN003 QGA2001C2-13V
DIGITAL SIGNAL PWB ASS'Y (11/11) CN003 (SHEET18)
CN0UP OPEN
GND

REGULATOR PWB ASS'Y
LCA10426-13C (SFP-9306A) [PD-Z50DX4]
LCA10426-14C (SFP-9317A) [PD-Z50DX4/S]

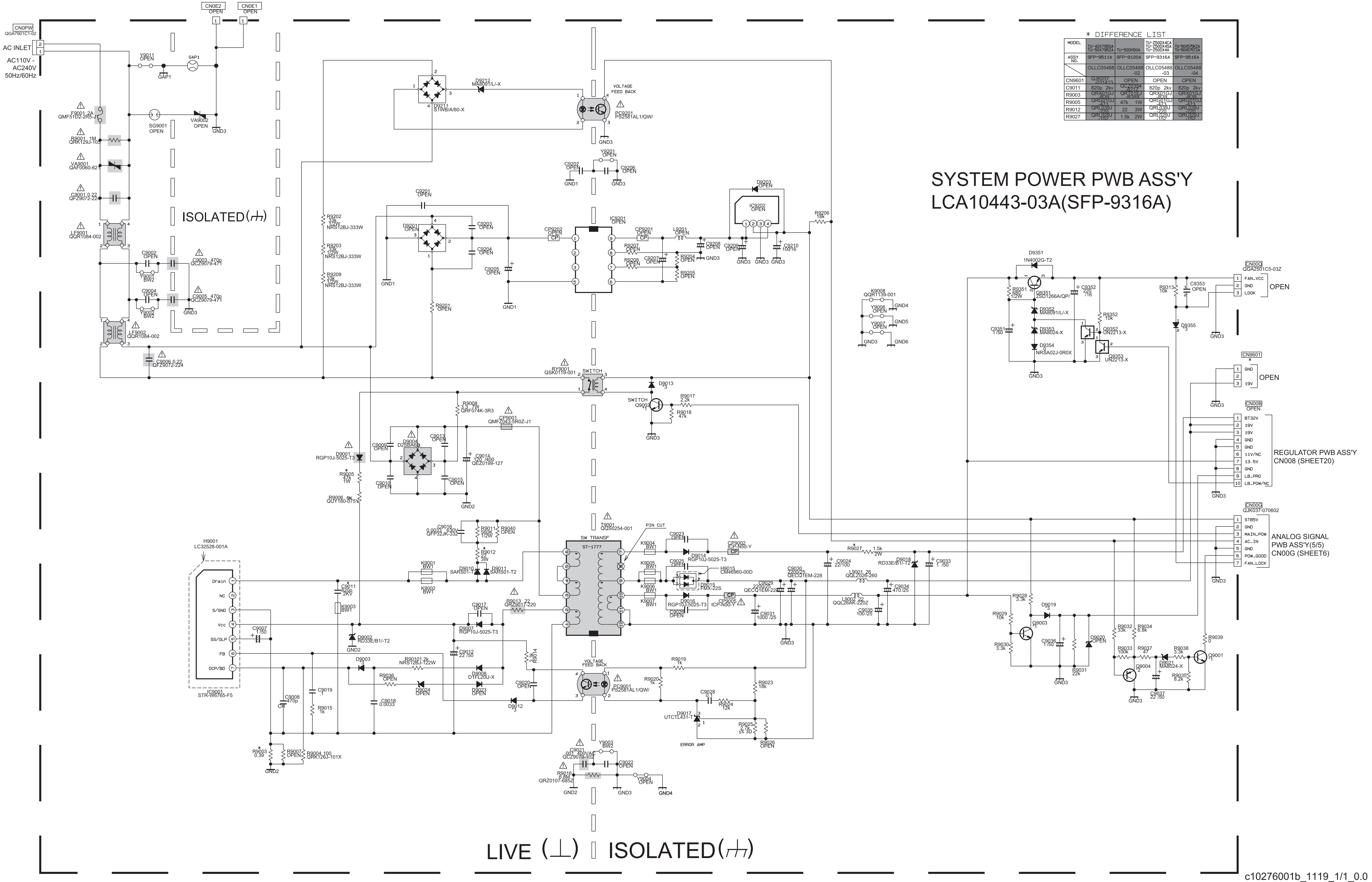

Y9841 OPEN
Y9842 OPEN
Y9843 OPEN
Y9844 OPEN
GND4
GND5
GND6
GND7
GND

Note: Please refer to page 2-81 for voltages of this circuit diagram.

* DEFFERENCE LIST

	ASSY NO.	SFP-9517A SFP-9320A SFP-9319A SFP-9307A SFP-9206A SFP-9514A SFP-9203A	SFP-9507A	SFP-9116A SFP-9106A	SFP-9122A	SFP-9318A SFP-9317A SFP-9306A SFP-9520A
		OLLC05108 (-07~-11) (-17)	OLLC05108 -02	OLLC05108 -03 (-04)	OLLC07151	OLLC05108 -12 (-13~-15)
5V	IC9621	MP1410ES -X	MP1580HS -X	MP1410ES -X	MP1580HS -X	MP1580HS -X
	R9623	33k	15k	33k	33k	15k
	R9624	47k 3D	33k 3D	47k 3D	47k 3D	33k 3D
	R9625	91k 3D	820k	91k 3D	91k 3D	820k
BS 15V	IC9201	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9201	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9202	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	D9203	OPEN	OPEN	MA111-X	MA111-X	OPEN
	Q9201	OPEN	OPEN	UN2213-X	UN2213-X	OPEN
	C9201	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9202	OPEN	OPEN	NEHM1EM -336X	NEHM1EM -336X	OPEN
	C9203	OPEN	OPEN	0.1	0.1	OPEN
	R9203	OPEN	OPEN	NRSA63D -183X	NRSA63D -183X	OPEN
	R9204	OPEN	OPEN	NRSA63D -682X	NRSA63D -682X	OPEN
	R9205	OPEN	OPEN	33k	33k	OPEN
	R9207	OPEN	OPEN	NRSA63D -103X	NRSA63D -103X	OPEN
	R9208	OPEN	OPEN	33k	33k	OPEN
9V	R9401	NRSA02J -0R0X	NRSA02J -0R0X	OPEN	OPEN	NRSA02J -0R0X
	R9403	18k	15k	18k	18k	15k
	L9401	OPEN	OPEN	NQL52EM -220X	NQL52EM -220X	OPEN
7V	IC9231	OPEN	OPEN	PQ20WZ11 -X	PQ20WZ11 -X	OPEN
	D9233	OPEN	OPEN	D1FS4-X	D1FS4-X	OPEN
	C9232	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9233	OPEN	OPEN	NEHM1CM -476X	NEHM1CM -476X	OPEN
	C9234	OPEN	OPEN	0.1	0.1	OPEN
	R9232	OPEN	OPEN	10k	10k	OPEN
	R9234	OPEN	OPEN	4.7k	4.7k	OPEN
	R9235	OPEN	OPEN	0	0	OPEN
	R9236	OPEN	OPEN	NRSA63D -332X	NRSA63D -332X	OPEN
	R9237	OPEN	OPEN	18k	18k	OPEN
LCD 5V	C9422	OPEN	10/25 CJ4	10/25 CJ4	10/25 CJ4	OPEN
	C9424	OPEN	0.01	0.01	0.01	OPEN
	C9425	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9427	OPEN	2200p	2200p	2200p	OPEN
	C9428	OPEN	22/16 CJ4	22/16 CJ4	22/16 CJ4	OPEN
	C9431	OPEN	8200p	8200p	8200p	OPEN
	D9421	OPEN	EC30HA03L -X	EC30HA03L -X	EC30HA03L -X	OPEN
	D9423	OPEN	PTZ3.9B-X	PTZ3.9B-X	PTZ3.9B-X	OPEN
	D9424	OPEN	MA111-X	MA111-X	MA111-X	OPEN
	IC9421	OPEN	MP1580HS-X	MP1580HS-X	MP1580HS-X	OPEN
	L9422	OPEN	NQL71EM -150X	NQL71EM -150X	NQL71EM -150X	OPEN
	R9421	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9423	OPEN	820k	820k	820k	OPEN
	R9424	OPEN	12k 3D	12k 3D	12k 3D	OPEN
	R9425	OPEN	120k	120k	120k	OPEN
	R9426	OPEN	10k 3D	10k 3D	10k 3D	OPEN
	R9427	OPEN	10k	10k	10k	OPEN
	R9428	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
	R9429	OPEN	47k	47k	47k	OPEN
	Y9402	OPEN	NRSA02J -0R0X	NRSA02J -0R0X	NRSA02J -0R0X	OPEN
ON/OFF PROTECT	D9801	OPEN	OPEN	MA8051 /M/-X	MA8051 /M/-X	OPEN
	R9801	OPEN	OPEN	12k	12k	OPEN
	R9802	OPEN	OPEN	100	100	OPEN
	R9803	OPEN	OPEN	100	100	OPEN
	R9804	OPEN	OPEN	10k	10k	OPEN
Vin SERECT	Y9601	0	OPEN	0	OPEN	OPEN
	Y9602	OPEN	NRSA02J -0R0X	OPEN	NRSA02J -0R0X	NRSA02J -0R0X

SYSTEM POWER PWB CIRCUIT DIAGRAM SHEET 21


CN0PW
QGA7901C1-02
AC INLET
AC110V - AC240V
50Hz/60Hz
CN0E2 OPEN
CN0E1 OPEN
Y9011 OPEN
GAP1
F9001 2A
QMF51D2-2R5-J1
SG9001 OPEN
VA9002 OPEN
R9001 1M
QRK129J-105
VA9001
QAF0060-621
C9001 0.22
QFZ9072-224
LF9001
QQR1084-002
ISOLATED(⏊)
C9002 OPEN
Y9001 BW2
C9003 470p
QCZ9079-471
C9004 OPEN
Y9002 BW2
C9005 470p
QCZ9079-471
LF9002
QQR1084-002
C9006 0.22
QFZ9072-224
D9212 MA8091/L/-X
D9211 S1WB/A/60-X
VOLTAGE FEED BACK
PC9201 PS2581AL1/QW/
Y9201 OPEN
C9202 OPEN
C9206 OPEN
R9202 33k 1/2W NRS12BJ-333W
R9203 33k 1/2W NRS12BJ-333W
R9209 33k 1/2W NRS12BJ-333W
C9201 OPEN
D9201 OPEN
C9203 OPEN
C9204 OPEN
C9205 OPEN
R9201 OPEN
CP9202 OPEN
IC9201 OPEN
CP9201 OPEN
L9201 OPEN
R9207 OPEN
R9208 OPEN
C9207 OPEN
R9204 OPEN
R9205 OPEN
C9208 OPEN
D9203 OPEN
IC9202 OPEN
C9209 OPEN
C9210 10/16
R9206 18k
K9008 QQR1139-001
Y9006 OPEN
Y9007 OPEN
GND1 GND2 GND3 GND4 GND5 GND6
D9351 1N4002G-T2
R9351 680 1/2W
Q9351 2SD1266A/QP/
C9352 220 /16
D9352 MA8091/L/-X
D9353 MA8024-X
D9354 NRSA02J-0R0X
C9351 1/50
R9352 10k
Q9352 UN2213-X
Q9353 UN2213-X
R9313 10k
C9353 OPEN
D9355
CN00Q QGA2501C5-03Z
FAN_VCC GND LOCK
OPEN
CN9601 *
GND 15V
OPEN
CN00B OPEN
BT32V 15V 15V GND GND 11V/NC 13.5V GND LB_PRO LB_POW/NC
REGULATOR PWB ASS'Y CN008 (SHEET20)
CN00G QJK037-070602
STB5V GND MAIN_POW AC_IN GND POW_GOOD FAN_LOCK
ANALOG SIGNAL PWB ASS'Y(5/5) CN00G (SHEET6)
RY9001 QSK0119-001
SWITCH
D9013
SWITCH Q9002
R9017 2.2k
R9018 47k
R9008 3.3 7W QRF074K-3R3
CP9001 QMFZ043-5R0Z-J1
D9004 D2SBA60
C9009 OPEN
C9013 OPEN
C9014 120 /400 QEZ0199-127
C9010 OPEN
C9015 OPEN
D9001 RGP10J-5025-T3
R9005 47k 1W
R9006 6M QUY160-075X
C9016 0.0033 630V QFP32JK-332
R9011 560k 1/2W
R9040 OPEN
R9012 22 3W
D9010 SARS01-T2
D9011 SARS01-T2
K9001 BW1
K9002 BW1
T9001 QQS0254-001
SW TRANSF
ST-1777
PIN CUT
K9004 BW1
K9005 BW1
K9006 BW1
K9007 BW1
C9023 OPEN
D9014 RGP10J-5025-T3
CP9002 ICP-N50-Y
C9025 OPEN
H9015 CM48960-00D
D9015 FMX-22S
CP9005 ICP-N50-Y
D9016 RGP10J-5025-T3
C9026 OPEN
C9029 2200/25 QECQ1EM-228
C9030 2200/25 QECQ1EM-228
C9024 22/100
L9001 26 QQL2026-260
L9002 22 QQL26AK-220Z
C9034 470/25
C9035 100/25
C9031 1000 /25
R9027 1.5k 2W
D9018 RD33E/B1/-T2
C9033 1 /50
H9001 LC32528-001A
Drain NC S/GND Vcc SS/OLP FB OCP/BD
IC9001 STR-W6765-F5
C9011 820p 2kV
K9003 BW1
C9007 1/50
D9002 RD33E/B1/-T2
C9017 OPEN
D9007 RGP10J-5025-T3
R9013 22 QRZ9017-220
R9014 4.7k
C9012 22 /50
D9003
R9010 1.2k NRS12BJ-122W
D9008 DTFL20U-X
R9036 OPEN
D9024 OPEN
D9023 OPEN
C9018 0.0033
C9019 .1
R9015 1k
C9008 470p CH
C9020 OPEN
D9012
VOLTAGE FEED BACK
PC9001 PS2581AL1/QW/
R9019 1k
R9020 1k
R9023 18k
C9028 0.1
R9024 12k
D9017 UTCTL431-T
ERROR AMP
R9025 2.7k 1% 3D
R9026 OPEN
R9003 0.39
R9007 OPEN
R9004 100 QRK126J-101X
C9021 .001 400VAC QCZ9079-102
Y9003 BW2
C9022 OPEN
R9016 6.8M QRZ0107-685Z
Y9004 OPEN
R9028 3.3k
R9029 10k
Q9003
R9030 3.3k
D9019
C9036 1/50
D9020 OPEN
R9031 22k
R9032 33k
R9034 6.8k
R9033 100k
R9037 47
C9004 2
D9021 MA8024-X
R9038 3.3k
R9035 8.2k
C9037 22 /50
Q9001
R9039 0
LIVE (⊥) ISOLATED(⏊)

SYSTEM POWER PWB ASS'Y
LCA10443-03A(SFP-9316A)

* DIFFERENCE LIST

MODEL	TU-42X795SA TU-50X795ZA	TU-50DH50A	TU-Z50DX4CA TU-Z50DX4SA TU-Z50DX4A	TU-50X575KZA TU-50X575TZA
ASSY NO.	SFP-9511A	SFP-9120A	SFP-9316A	SFP-9516A
	OLLC05488	OLLC05488 -02	OLLC05488 -03	OLLC05488 -04
CN9601	QJK037 -031413	OPEN	OPEN	OPEN
C9011	820p 2kv	QCZ0354 -821Z	820p 2kv	820p 2kv
R9003	QRX01GJ -R39	QRT01EJ -R39X	QRX01GJ -R39	QRX01GJ -R39
R9005	QRG01GJ -473	47k 1W	QRG01GJ -473	QRG01GJ -473
R9012	QRL039J -220	22 3W	QRL039J -220	QRL039J -220
R9027	QRL029J -152	1.5k 2W	QRL029J -152	QRL029J -152

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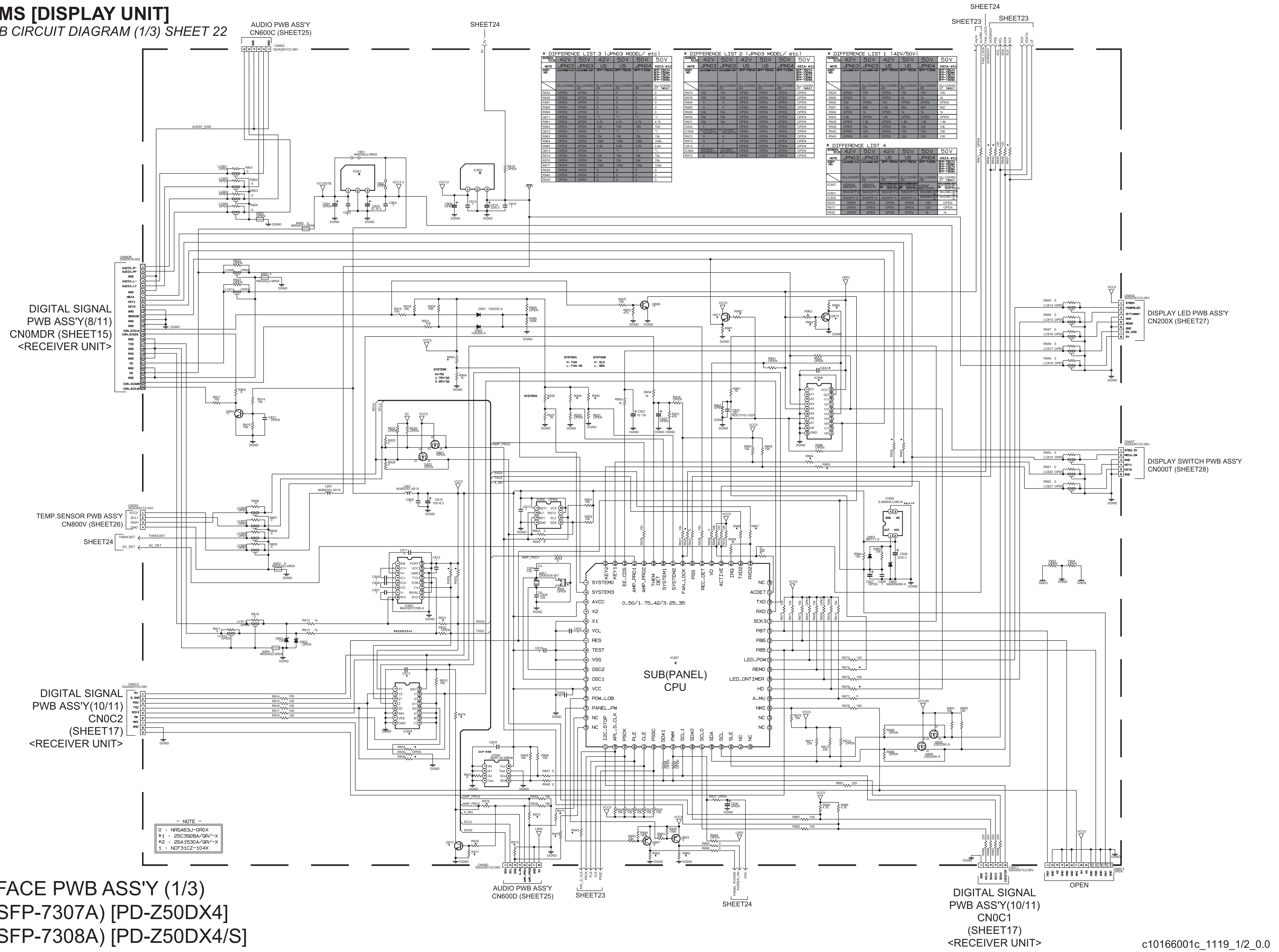
CIRCUIT DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (1/3) SHEET 22


AUDIO PWB ASS'Y
CN600C (SHEET25)
SHEET24
SHEET23
DIGITAL SIGNAL
PWB ASS'Y(8/11)
CN0MDR (SHEET15)
<RECEIVER UNIT>
TEMP.SENSOR PWB ASS'Y
CN800V (SHEET26)
SHEET24
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C2
(SHEET17)
<RECEIVER UNIT>
DISPLAY LED PWB ASS'Y
CN200X (SHEET27)
DISPLAY SWITCH PWB ASS'Y
CN000T (SHEET28)
IC807
SUB(PANEL)
CPU
AUDIO PWB ASS'Y
CN600D (SHEET25)
SHEET23
SHEET24
DIGITAL SIGNAL
PWB ASS'Y(10/11)
CN0C1
(SHEET17)
<RECEIVER UNIT>
OPEN

* DIFFERENCE LIST 3 (JPN03 MODEL/ etc)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA.etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R834	OPEN	OPEN	0	0	0	0
R836	OPEN	OPEN	0	0	0	0
R967	OPEN	OPEN	0	0	0	0
R968	OPEN	OPEN	0	0	0	0
R969	OPEN	OPEN	0	0	0	0
Q811	OPEN	OPEN	*1	*1	*1	*1
R961	OPEN	OPEN	4.7k	4.7k	4.7k	4.7k
R962	OPEN	OPEN	100	100	100	100
Q812	OPEN	OPEN	*1	*1	*1	*1
R963	OPEN	OPEN	15k	15k	15k	15k
R964	OPEN	OPEN	100k	100k	100k	100k
R965	OPEN	OPEN	5.6k	5.6k	5.6k	5.6k
Q813	OPEN	OPEN	*1	*1	*1	*1
R974	OPEN	OPEN	10k	10k	10k	10k
R976	OPEN	OPEN	33k	33k	33k	33k
R977	OPEN	OPEN	100k	100k	100k	100k
R939	OPEN	OPEN	0	0	0	0
R940	OPEN	OPEN	0	0	0	0
R839	OPEN	OPEN	0	0	0	0

* DIFFERENCE LIST 2 (JPN03 MODEL/ etc)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA.etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R874	100	100	OPEN	OPEN	OPEN	OPEN
R876	100	100	OPEN	OPEN	OPEN	OPEN
R864	0	0	OPEN	OPEN	OPEN	OPEN
R865	0	0	OPEN	OPEN	OPEN	OPEN
R829	10k	10k	OPEN	OPEN	OPEN	OPEN
R830	10k	10k	OPEN	OPEN	OPEN	OPEN
R831	10k	10k	OPEN	OPEN	OPEN	OPEN
C824	.1	.1	OPEN	OPEN	OPEN	OPEN
IC808	TC74VHCT 541AFTX	TC74VHCT 541AFTX	OPEN	OPEN	OPEN	OPEN
R972	0	0	OPEN	OPEN	OPEN	OPEN
R973	0	0	OPEN	OPEN	OPEN	OPEN
C813	.1	.1	OPEN	OPEN	OPEN	OPEN
IC804	CD74HC 4053PW-X	CD74HC 4053PW-X	OPEN	OPEN	OPEN	OPEN
R975	0	0	OPEN	OPEN	OPEN	OPEN

* DIFFERENCE LIST 1 (42V/50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA.etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
R820	OPEN	100	OPEN	100	100	100
R860	OPEN	1k	OPEN	1k	1k	1k
R892	100	OPEN	100	OPEN	OPEN	OPEN
R901	1.8k	560	1.8k	560	560	560
R902	OPEN	1k	OPEN	1k	1k	1k
R903	1.8k	OPEN	1.8k	OPEN	OPEN	OPEN
R926	OPEN	1.8k	OPEN	1.8k	1.8k	1.8k
R928	OPEN	10k	OPEN	10k	10k	10k
R942	OPEN	100	OPEN	100	100	100
R943	OPEN	100	OPEN	100	100	100

* DIFFERENCE LIST 4

SCREEN SIZE	42V	50V	42V	50V	50V	50V
NOTE	JPN03	JPN03	US	US	JPN04	ASIA.etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
IC807	HD6433 684A27H	HD6433 684A27H	HD6433685A80H OR HD64F 3687A80H	HD6433685A80H OR HD64F 3687A80H	HD64F 3687B04H	HD6433685A80H OR HD64F 3687A80H
IC801	BA033FP-X	BA033FP-X	BA033FP-X	BA033FP-X	BA33BC0FP -X	BA33BC0FP -X
IC802	BA05FP-X	BA05FP-X	BA05FP-X	BA05FP-X	BA50BC0FP -X	BA50BC0FP -X
R970	OPEN	OPEN	OPEN	OPEN	100	OPEN
R971	OPEN	OPEN	OPEN	OPEN	100	OPEN
R930	OPEN	OPEN	OPEN	OPEN	1k	1k

– NOTE –

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
1 : NCF31CZ-104X

DISPLAY INTERFACE PWB ASS'Y (1/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]

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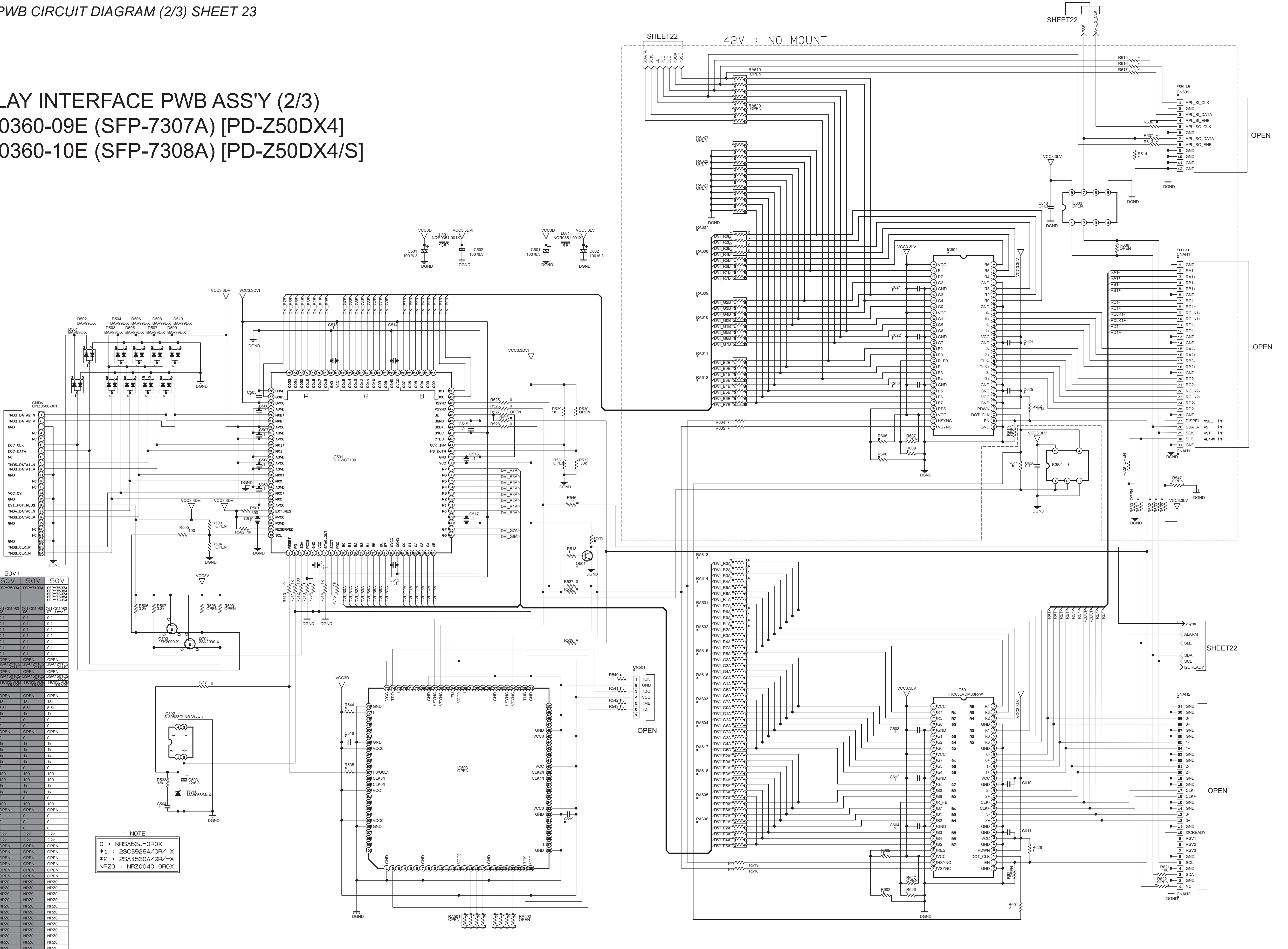
DISPLAY INTERFACE PWB CIRCUIT DIAGRAM (2/3) SHEET 23

DISPLAY INTERFACE PWB ASS'Y (2/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]



DIGITAL SIGNAL
PWB ASS'Y (8/11)
CN0DVI
(SHEET15)
<RECEIVER UNIT>
CN501
QNZ0580-001
TMDS_DATA2_N
TMDS_DATA2_P
DCC_CLK
DCC_DATA
TMDS_DATA1_N
TMDS_DATA1_P
VCC_5V
DVI_HOT_PLUG
TMDS_DATA0_N
TMDS_DATA0_P
TMDS_CLK_P
TMDS_CLK_N
DGND
IC501
SII169CT100
IC502
IC503
OPEN
IC601
THC63LVDM83R-W
IC602
IC603
OPEN
IC604
SHEET22
42V : NO MOUNT
CN601
CNAH1
CNAH2
FOR LG
OPEN
VCC3.3DVI
VCC3.3LV
VCC3D
VCC5V
Q501
Q703
2SK2090-X
Q704
2SK2090-X
D611
MA8056/M/-X
R533
33k
C503
22/6.3
C504
.1
L501
NQR0351-001X
L601
NQR0351-001X
vsync
ALARM
SLE
SDA
SCL
I2CREADY
TCK
TDO
VCC
TMB
TDI

* DIFFERENCE LIST 1 (42V/ 50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
C518	OPEN	0.1	OPEN	0.1	0.1	0.1
C519	OPEN	0.1	OPEN	0.1	0.1	0.1
C621	OPEN	0.1	OPEN	0.1	0.1	0.1
C622	OPEN	0.1	OPEN	0.1	0.1	0.1
C623	OPEN	0.1	OPEN	0.1	0.1	0.1
C624	OPEN	0.1	OPEN	0.1	0.1	0.1
C625	OPEN	0.1	OPEN	0.1	0.1	0.1
CN501	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
CNAH1	OPEN	QGA1211C2 -31X	OPEN	QGA1211C2 -31X	QGA1211C2 -31X	QGA1211C2 -31X
CNAH2	QGA1211C2 -31X	OPEN	QGA1211C2 -31X	OPEN	OPEN	OPEN
CN601	OPEN	QGA1501C2 -12V	OPEN	QGA1501C2 -12V	QGA1501C2 -12V	QGA1501C2 -12V
IC602	OPEN	THC63LVDM 83R-W	OPEN	THC63LVDM 83R-W	THC63LVDM 83R-W	THC63LVDM 83R-W
Q501	OPEN	*1	OPEN	*1	*1	*1
R513	1k	OPEN	1k	OPEN	OPEN	OPEN
R518	OPEN	15k	OPEN	15k	15k	15k
R519	OPEN	5.6k	OPEN	5.6k	5.6k	5.6k
R534	OPEN	1k	OPEN	1k	1k	1k
R535	OPEN	0	OPEN	0	0	0
R536	OPEN	0	OPEN	0	0	0
R538	0	OPEN	0	OPEN	OPEN	OPEN
R539	OPEN	0	OPEN	0	0	0
R540	OPEN	1k	OPEN	1k	1k	1k
R541	OPEN	1k	OPEN	1k	1k	1k
R542	OPEN	1k	OPEN	1k	1k	1k
R543	OPEN	1k	OPEN	1k	1k	1k
R544	OPEN	0	OPEN	0	0	0
R604	OPEN	100	OPEN	100	100	100
R605	OPEN	100	OPEN	100	100	100
R606	OPEN	1k	OPEN	1k	1k	1k
R608	OPEN	1k	OPEN	1k	1k	1k
R609	OPEN	0	OPEN	0	0	0
R613	OPEN	100	OPEN	100	100	100
R628	100	OPEN	100	OPEN	OPEN	OPEN
R631	OPEN	0	OPEN	0	0	0
R632	OPEN	0	OPEN	0	0	0
R633	OPEN	0	OPEN	0	0	0
R636	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
R637	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
RA601	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA602	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA603	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA604	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA605	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA606	NRZ0	OPEN	NRZ0	OPEN	OPEN	OPEN
RA607	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA608	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA609	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA610	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA611	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA612	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA613	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA614	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA615	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA616	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA617	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
RA618	OPEN	NRZ0	OPEN	NRZ0	NRZ0	NRZ0
R614	OPEN	22k	OPEN	22k	22k	22k
R635	OPEN	10k	OPEN	10k	10k	10k
R615	OPEN	100	OPEN	100	100	100
R616	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
R617	OPEN	2.2k	OPEN	2.2k	2.2k	2.2k
IC604	SN74LVC1G 08V-X	SN74LVC1G 08V-X	OPEN	OPEN	OPEN	OPEN
R611	OPEN	OPEN	0	0	0	0

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
NRZ0 : NRZ0040-0R0X

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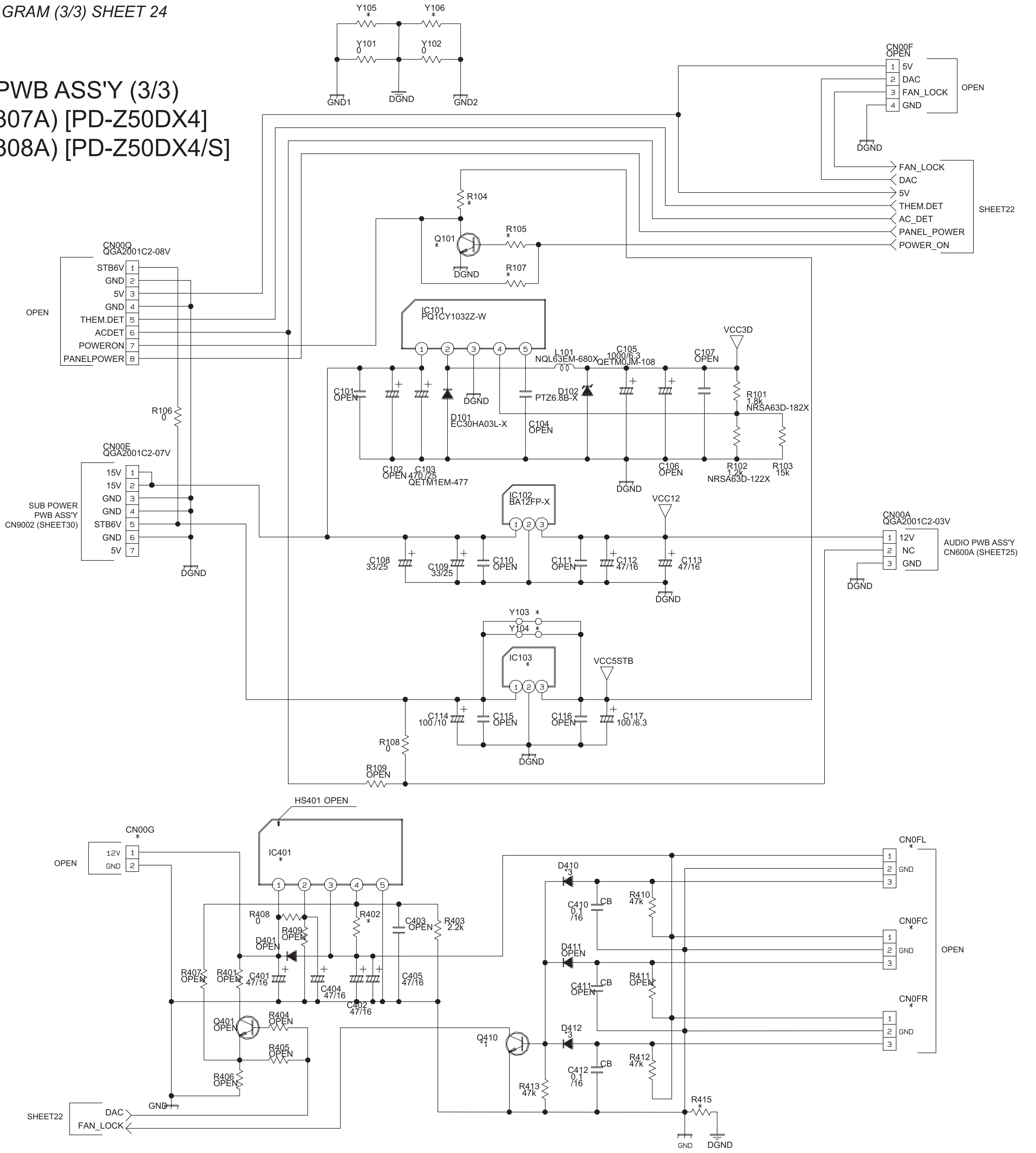
DISPLAY INTERFACE PWB ASS'Y (3/3)
LCA10360-09E (SFP-7307A) [PD-Z50DX4]
LCA10360-10E (SFP-7308A) [PD-Z50DX4/S]


Y105 *
Y106 *
Y101 0
Y102 0
GND1
DGND
GND2
CN00F OPEN
1 5V
2 DAC
3 FAN_LOCK
4 GND
OPEN
DGND
FAN_LOCK
DAC
5V
THEM.DET
AC_DET
PANEL_POWER
POWER_ON
SHEET22
R104 *
R105 *
Q101 *
R107 *
DGND
CN00Q QGA2001C2-08V
STB6V 1
GND 2
5V 3
GND 4
THEM.DET 5
ACDET 6
POWERON 7
PANELPOWER 8
OPEN
IC101 PQ1CY1032Z-W
VCC3D
L101 NQL63EM-680X
C105 1000/6.3 QETM0JM-108
C107 OPEN
C101 OPEN
DGND
D102 PTZ6.8B-X
R101 1.8k NRSA63D-182X
D101 EC30HA03L-X
C104 OPEN
C102 OPEN
C103 470/25 QETM1EM-477
DGND
C106 OPEN
R102 1.2k NRSA63D-122X
R103 15k
R106 0
CN00E QGA2001C2-07V
15V 1
15V 2
GND 3
GND 4
STB6V 5
GND 6
5V 7
SUB POWER PWB ASS'Y CN9002 (SHEET30)
DGND
IC102 BA12FP-X
VCC12
CN00A QGA2001C2-03V
1 12V
2 NC
3 GND
AUDIO PWB ASS'Y CN600A (SHEET25)
DGND
C108 33/25
C109 33/25
C110 OPEN
C111 OPEN
C112 47/16
C113 47/16
DGND
Y103 *
Y104 *
IC103 *
VCC5STB
C114 100/10
C115 OPEN
C116 OPEN
C117 100/6.3
R108 0
DGND
R109 OPEN
HS401 OPEN
CN00G *
12V 1
GND 2
OPEN
IC401 *
R408 0
R409 OPEN
R402 *
C403 OPEN
R403 2.2k
D401 OPEN
R407 OPEN
R401 OPEN
C401 47/16
C404 47/16
C402 47/16
C405 47/16
Q401 OPEN
R404 OPEN
R405 OPEN
R406 OPEN
GND
SHEET22
DAC
FAN_LOCK
D410 *3
C410 0.1 /16
CB
R410 47k
D411 OPEN
C411 OPEN
R411 OPEN
Q410 *1
D412 *3
C412 0.1 /16
R412 47k
R413 47k
R415 *
GND
DGND
CN0FL *
CN0FC *
CN0FR *
1
2 GND
3
OPEN

- NOTE -

0 : NRSA63J-0R0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
*3 : MA111-X

* DIFFERENCE LIST 1 (42V/ 50V)

SCREEN SIZE	42V	50V	42V	50V	50V	50V
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
Q101	*1	OPEN	*1	OPEN	OPEN	OPEN
R104	3.3k	OPEN	3.3k	OPEN	OPEN	OPEN
R105	10k	OPEN	10k	OPEN	OPEN	OPEN
R107	OPEN	0	OPEN	0	0	0
IC401	OPEN	PQ20WZ11-X	OPEN	PQ20WZ11-X	PQ20WZ11-X	PQ20WZ11-X
CN0FL	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN0FC	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN0FR	OPEN	QGA2001C2 -03V	OPEN	QGA2001C2 -03V	QGA2001C2 -03V	QGA2001C2 -03V
CN00G	OPEN	QGA2001C2 -02V	OPEN	QGA2001C2 -02V	QGA2001C2 -02V	QGA2001C2 -02V
IC103	BA05FP-X	OPEN	BA05FP-X	OPEN	OPEN	OPEN
Y103	OPEN	0	OPEN	0	0	0
Y104	OPEN	0	OPEN	0	0	0
R402	4.7k	6.8k	4.7k	6.8k	6.8k	6.8k
R415	OPEN	0	OPEN	0	0	0

* DIFFERENCE LIST 2 (JPN MODEL/ etc)

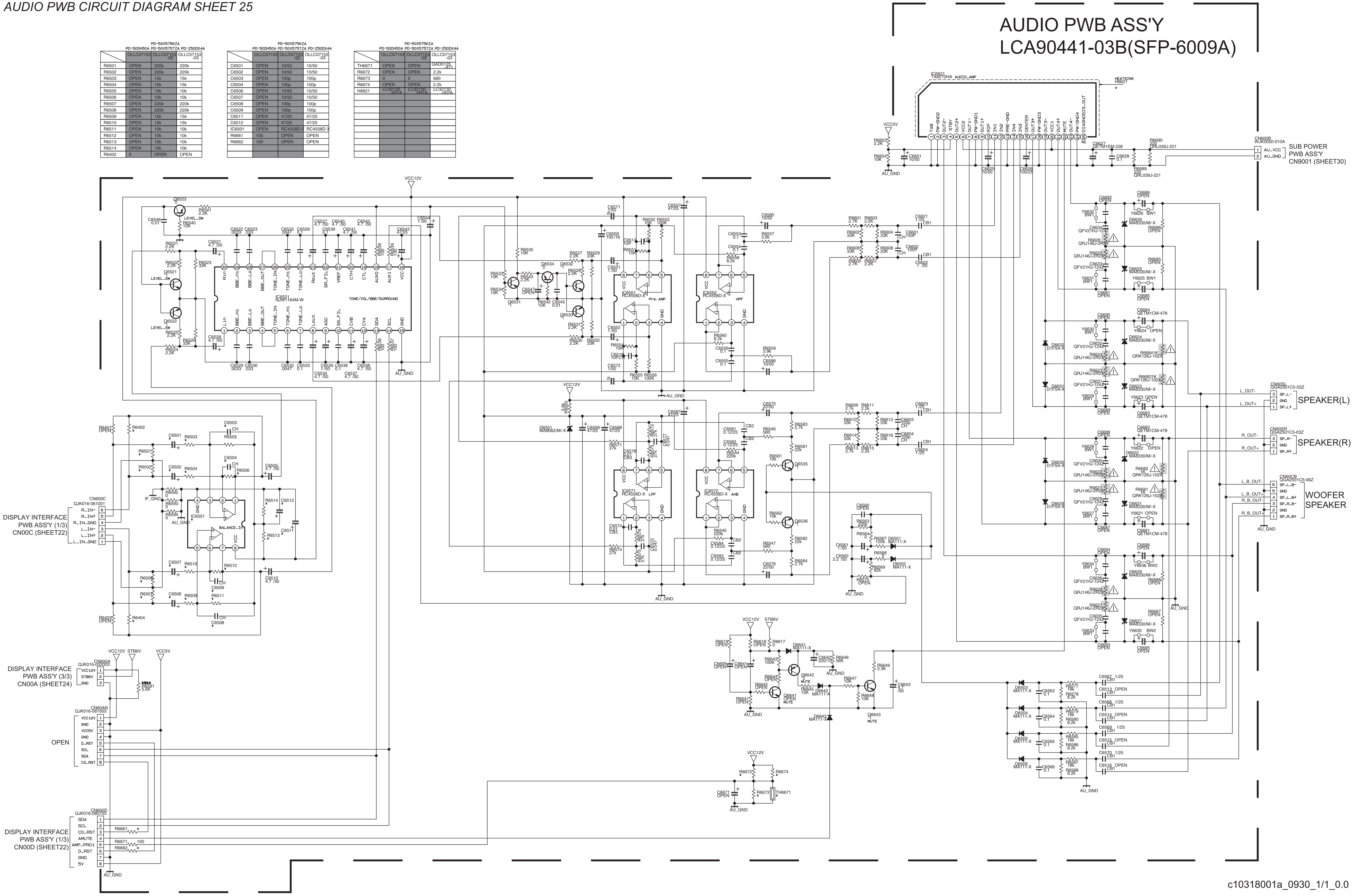
NOTE	JPN03	JPN03	US	US	JPN04	ASIA, etc
ASSY NO.	LCA10360-01*	LCA10360-02*	SFP-7504A	SFP-7503A	SFP-7109A	SFP-7507A SFP-7508A SFP-7307A SFP-7308A SFP-7309A
	OLLC04083	OLLC04083 -02	OLLC04083 -04	OLLC04083 -03	OLLC04083 -06	OLLC04083 -07 (etc)
Y105	OPEN	OPEN	0	0	0	0
Y106	OPEN	OPEN	0	0	0	0

AUDIO PWB CIRCUIT DIAGRAM SHEET 25

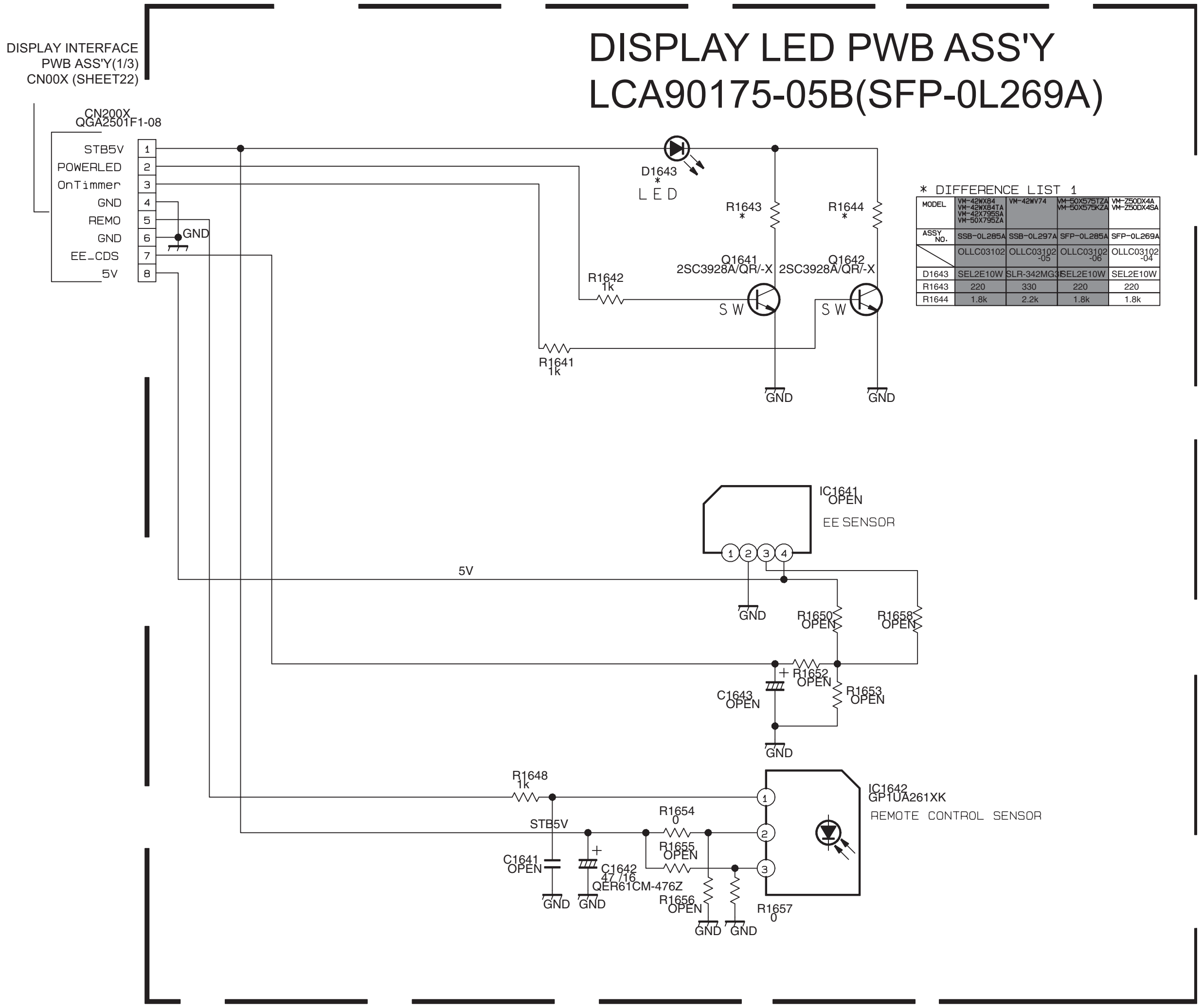
	PD-50DH50A OLLC07153	PD-50X575KZA PD-50X575TZA OLLC07153 -02	PD-Z50DX4A OLLC07153 -03
R6501	OPEN	220k	220k
R6502	OPEN	220k	220k
R6503	OPEN	15k	15k
R6504	OPEN	15k	15k
R6505	OPEN	10k	10k
R6506	OPEN	10k	10k
R6507	OPEN	220k	220k
R6508	OPEN	220k	220k
R6509	OPEN	15k	15k
R6510	OPEN	15k	15k
R6511	OPEN	10k	10k
R6512	OPEN	10k	10k
R6513	OPEN	10k	10k
R6514	OPEN	10k	10k
R6402	0	OPEN	OPEN

	PD-50DH50A OLLC07153	PD-50X575KZA PD-50X575TZA OLLC07153 -02	PD-Z50DX4A OLLC07153 -03
C6501	OPEN	10/50	10/50
C6502	OPEN	10/50	10/50
C6503	OPEN	100p	100p
C6504	OPEN	100p	100p
C6506	OPEN	10/50	10/50
C6507	OPEN	10/50	10/50
C6508	OPEN	100p	100p
C6509	OPEN	100p	100p
C6511	OPEN	47/25	47/25
C6512	OPEN	47/25	47/25
IC6501	OPEN	RC4558D-X	RC4558D-X
R6661	100	OPEN	OPEN
R6662	100	OPEN	OPEN

	PD-50DH50A OLLC07153	PD-50X575KZA PD-50X575TZA OLLC07153 -02	PD-Z50DX4A OLLC07153 -03
TH6671	OPEN	OPEN	QAD0125 -471
R6672	OPEN	OPEN	2.2k
R6673	0	0	680
R6674	OPEN	OPEN	2.2k
H6621	LC32130 -001A	LC32130 -001A	LC32130 -002A


AUDIO PWB ASS'Y
LCA90441-03B(SFP-6009A)
IC6621 TAS5270HA AUDIO_AMP
HEATSINK H6621
CN600B WJR0050-010A
SUB POWER PWB ASS'Y CN9001 (SHEET30)
AU_VCC
AU_GND
VCC5V
VCC12V
STB6V
IC6521 NJW1164M-W
TONE/VOL/BBE/SURROUND
IC6551 RC4558D-X Pre.AMP
IC6552 RC4558D-X HPF
IC6571 RC4558D-X LPF
IC6572 RC4558D-X AHB
IC6501
BALANCE_IN
LEVEL_SW
CN600SL QGA2501C5-03Z
SPEAKER(L)
L_OUT-
L_OUT+
SP_L-
SP_L+
CN600SR QGA2501C5-03Z
SPEAKER(R)
R_OUT-
R_OUT+
SP_R-
SP_R+
CN600CB QGA2501C5-06Z
WOOFER SPEAKER
L_B_OUT-
L_B_OUT+
R_B_OUT-
R_B_OUT+
CN600C QJK016-061001
DISPLAY INTERFACE PWB ASS'Y (1/3) CN00C (SHEET22)
R_IN-
R_IN+
R_IN_GND
L_IN-
L_IN+
L_IN_GND
CN600A QJK016-032003
DISPLAY INTERFACE PWB ASS'Y (3/3) CN00A (SHEET24)
CN60AN QJK016-081003
OPEN
VCC12V
GND
VCC5V
D_RST
SCL
SDA
CO_RST
CN600D QJK016-080703
DISPLAY INTERFACE PWB ASS'Y (1/3) CN00D (SHEET22)
AMUTE
AMP_PRO1
5V
MUTE
AU_GND

DISPLAY LED PWB CIRCUIT DIAGRAM SHEET 26


DISPLAY LED PWB ASS'Y
LCA90175-05B(SFP-0L269A)
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00X (SHEET22)
CN200X
QGA2501F1-08
STB5V
POWERLED
OnTimmer
GND
REMO
GND
EE_CDS
5V
1
2
3
4
5
6
7
8
GND
D1643
*
LED
R1643
*
R1644
*
Q1641
2SC3928A/QR/-X
Q1642
2SC3928A/QR/-X
R1642
1k
SW
SW
R1641
1k
GND
GND
IC1641
OPEN
EE SENSOR
5V
GND
R1650
OPEN
R1658
OPEN
R1652
OPEN
C1643
OPEN
R1653
OPEN
GND
R1648
1k
IC1642
GP1UA261XK
REMOTE CONTROL SENSOR
STB5V
R1654
0
R1655
OPEN
C1641
OPEN
C1642
47 /16
QER61CM-476Z
R1656
OPEN
R1657
0
GND
GND
GND
GND

* DIFFERENCE LIST 1

MODEL	VM-42WX84 VM-42WX84TA VM-42X795SA VM-50X795ZA	VM-42WV74	VM-50X575TZA VM-50X575KZA	VM-Z50DX4A VM-Z50DX4SA
ASSY NO.	SSB-0L285A	SSB-0L297A	SFP-0L285A	SFP-0L269A
	OLLC03102	OLLC03102 -05	OLLC03102 -06	OLLC03102 -04
D1643	SEL2E10W	SLR-342MG3F	SEL2E10W	SEL2E10W
R1643	220	330	220	220
R1644	1.8k	2.2k	1.8k	1.8k

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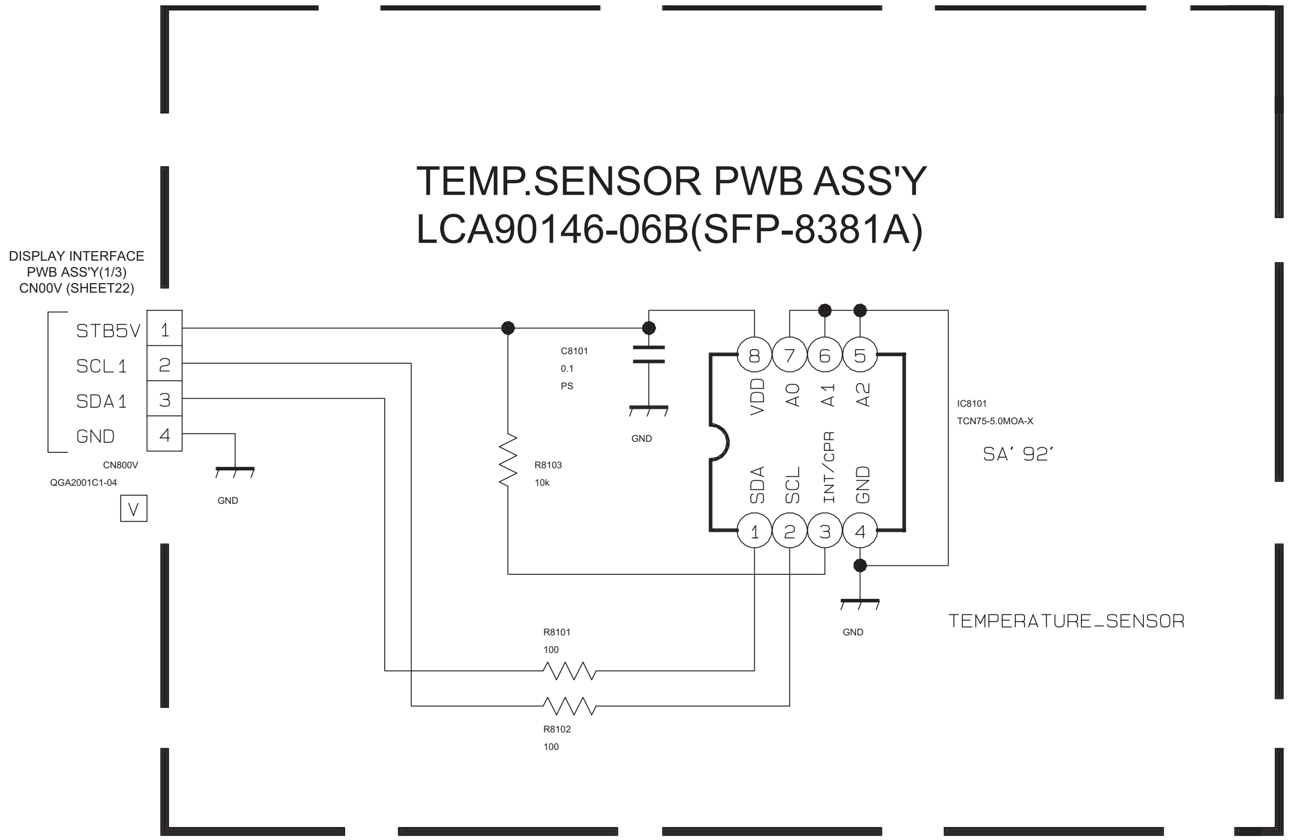
TEMP. SENSOR PWB CIRCUIT DIAGRAM SHEET 27


TEMP.SENSOR PWB ASS'Y
LCA90146-06B(SFP-8381A)
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00V (SHEET22)
STB5V
SCL1
SDA1
GND
1
2
3
4
CN800V
QGA2001C1-04
V
GND
C8101
0.1
PS
GND
R8103
10k
VDD
A0
A1
A2
SDA
SCL
INT/CPR
GND
8
7
6
5
1
2
3
4
IC8101
TCN75-5.0MOA-X
SA' 92'
GND
TEMPERATURE_SENSOR
R8101
100
R8102
100

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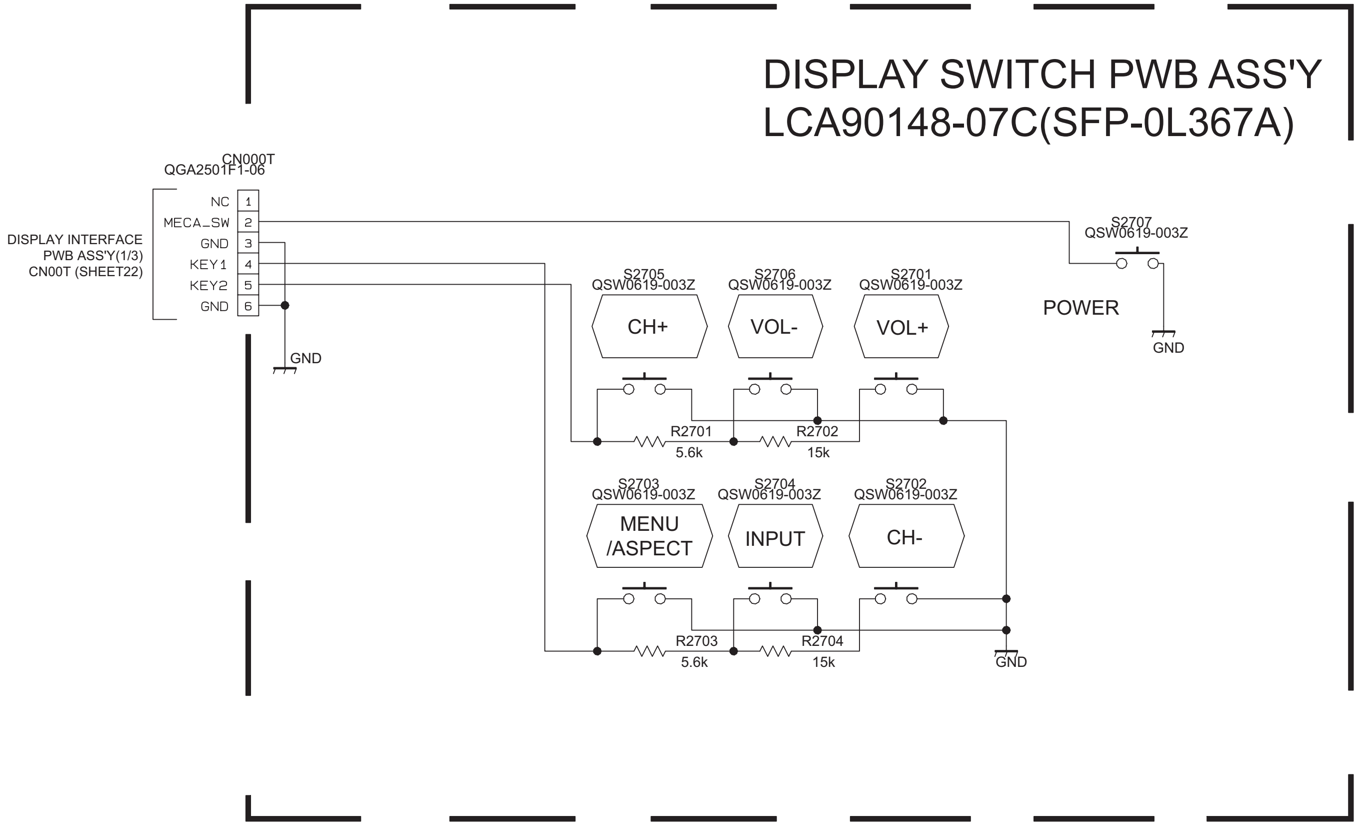
DISPLAY SWITCH PWB CIRCUIT DIAGRAM SHEET 28

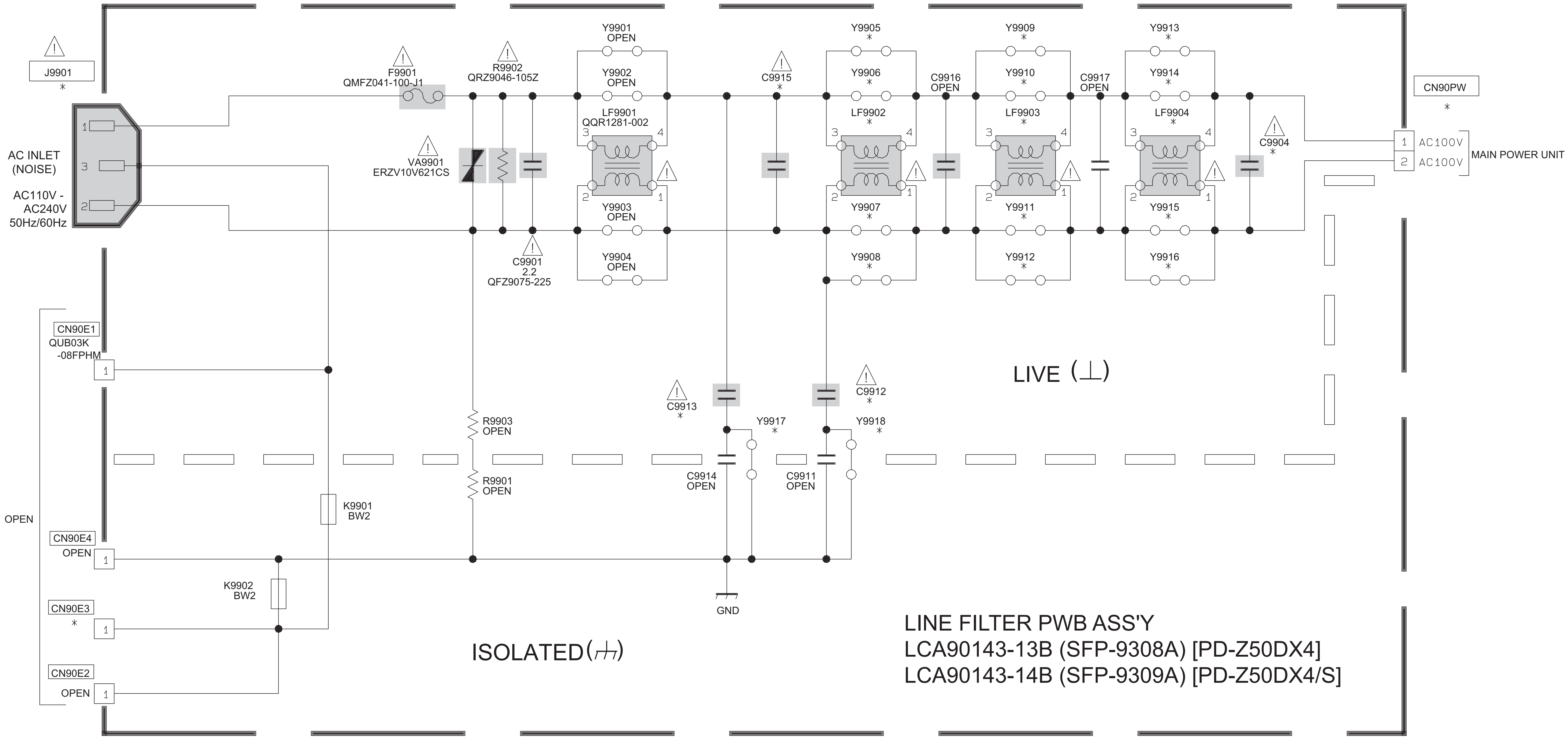

DISPLAY SWITCH PWB ASS'Y
LCA90148-07C(SFP-0L367A)
CN000T
QGA2501F1-06
DISPLAY INTERFACE
PWB ASS'Y(1/3)
CN00T (SHEET22)
NC
MECA_SW
GND
KEY1
KEY2
GND
1
2
3
4
5
6
GND
S2707
QSW0619-003Z
POWER
GND
S2705
QSW0619-003Z
CH+
S2706
QSW0619-003Z
VOL-
S2701
QSW0619-003Z
VOL+
R2701
5.6k
R2702
15k
S2703
QSW0619-003Z
MENU
/ASPECT
S2704
QSW0619-003Z
INPUT
S2702
QSW0619-003Z
CH-
R2703
5.6k
R2704
15k
GND

c30054001h_1119_1/1_0.0

LINE FILTER PWB CIRCUIT DIAGRAM SHEET 29

* DIFFERENCE LIST 1

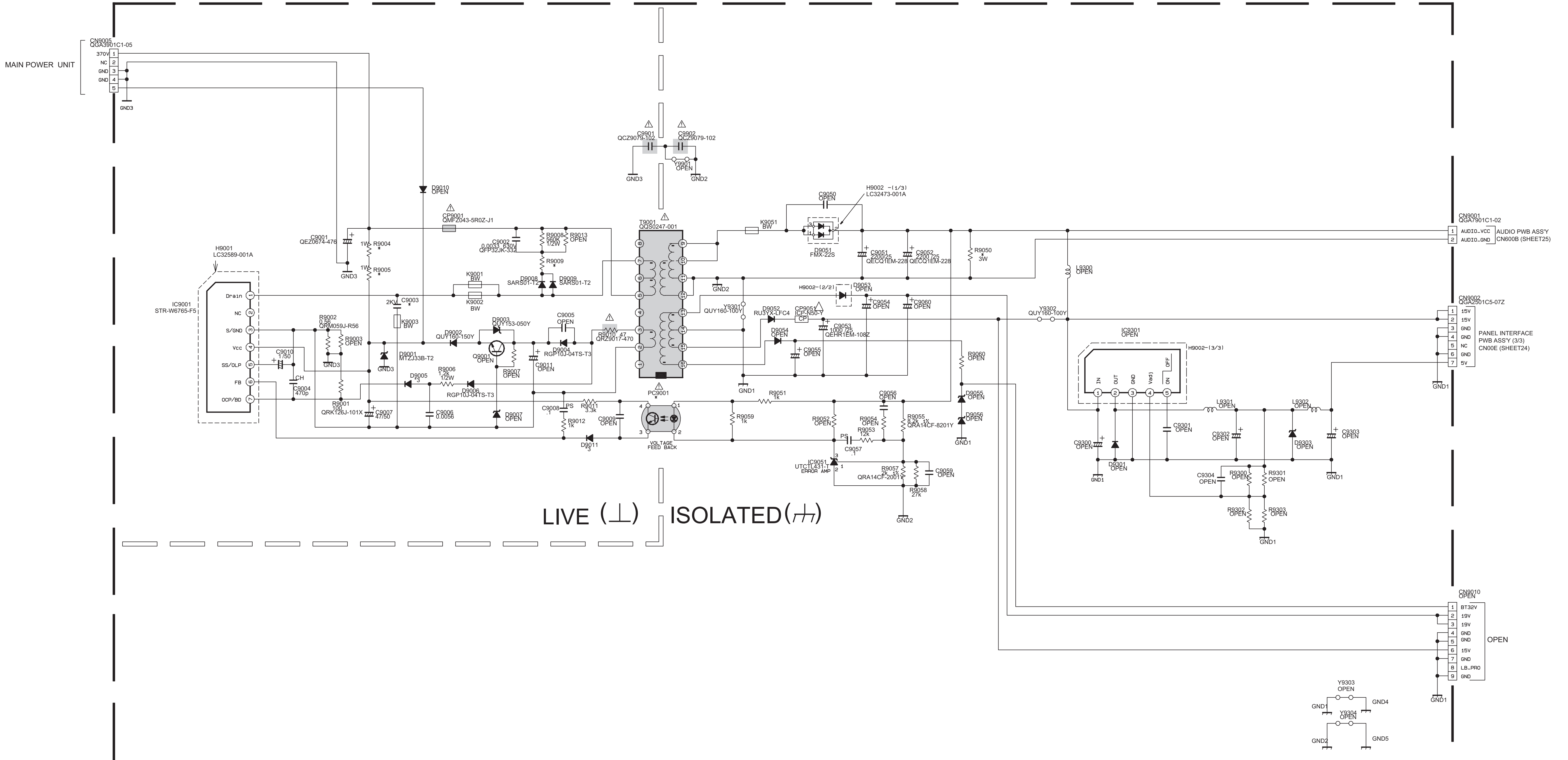
MODEL	VM-42DV4 VM-42XV7	VM-42WX84 VM-42WX84TA VM-42X795SA VM-50X795ZA	VM-42WV74	VM-42DV2-S VM-42DV2 VM-42V31BAUE /BBJE/BBSE	VM-42DH4A	VM-50DH4A	VM-50DH50A	VM-50X575KZA VM-50X575TZA	VM-Z50DX4A	VM-Z50DX4CA VM-Z50DX4SA
ASSY NO.	SSB-9281A	SSB-9285A SFP-9508A SFP-9509A	SSB-9297A	SMK-9267A	LCA90143-06*	LCA90143-07*	SSB-9121A	SFP-9520A	SFP-9308A	SFP-9309A
	OLLC02729	OLLC02729 -02 (etc)	OLLC02729 -06	OLLC02729 -04	OLLC02729 -07	OLLC02729 -08	OLLC02729 -12	OLLC02729 -13	OLLC02729 -14	OLLC02729 -15
LF9903	QQR1281 -002	QQR1376 -001	QQR1376 -001	OPEN	OPEN	QQR1376 -001	QQR1376 -001	QQR1376 -001	OPEN	OPEN
LF9904	QQR1281 -002	QQR1376 -001	QQR1376 -001	OPEN	OPEN	QQR1376 -001	QQR1376 -001	QQR1376 -001	OPEN	OPEN
C9912	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	OPEN	OPEN
C9913	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -681	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	QCZ9079 -102	OPEN	OPEN
LF9902	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002	OPEN	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002	QQR1281 -002
C9904	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	OPEN	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224	QFZ9075 -224
C9915	OPEN	OPEN	OPEN	OPEN	QFZ9075 -224	OPEN	OPEN	OPEN	OPEN	OPEN
CN90E3	QUB070 -26FPHM	QUB070 -42FPHM	QUB070 -42FPHM	QUB070 -26FPHM	QUB070 -30FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM	QUB070 -26FPHM
CN90PW	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -008A	WJK0050 -009A	WJK0050 -009A	WJK0050 -009A	WJK0050 -008A	WJK0050 -008A
Y9909	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9910	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9911	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9912	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
Y9913	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9914	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
Y9915	OPEN	OPEN	OPEN	BW1	BW1	OPEN	OPEN	OPEN	BW1	BW1
Y9916	OPEN	OPEN	OPEN	BW2	BW2	OPEN	OPEN	OPEN	BW2	BW2
J9901	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QNC0099 -001	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QMCB006 -C01	QNC0099 -001	QNC0099 -001
Y9905	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9906	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9907	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9908	OPEN	OPEN	OPEN	OPEN	BW1	OPEN	OPEN	OPEN	OPEN	OPEN
Y9917	BW1	BW1	BW1	BW1	BW1	BW1	BW1	BW1	OPEN	OPEN
Y9918	BW1	BW1	BW1	BW1	BW1	BW1	BW1	BW1	OPEN	OPEN


J9901
*
AC INLET
(NOISE)
AC110V -
AC240V
50Hz/60Hz
1
3
2
F9901
QMFZ041-100-J1
R9902
QRZ9046-105Z
VA9901
ERZV10V621CS
C9901
2.2
QFZ9075-225
Y9901
OPEN
Y9902
OPEN
LF9901
QQR1281-002
Y9903
OPEN
Y9904
OPEN
C9915
*
Y9905
*
Y9906
*
LF9902
*
Y9907
*
Y9908
*
C9916
OPEN
Y9909
*
Y9910
*
LF9903
*
Y9911
*
Y9912
*
C9917
OPEN
Y9913
*
Y9914
*
LF9904
*
Y9915
*
Y9916
*
C9904
*
CN90PW
*
1 AC100V
2 AC100V
MAIN POWER UNIT
CN90E1
QUB03K
-08FPHM
1
OPEN
CN90E4
OPEN
1
CN90E3
*
1
CN90E2
OPEN
1
K9901
BW2
K9902
BW2
R9903
OPEN
R9901
OPEN
C9913
*
C9914
OPEN
Y9917
*
C9912
*
C9911
OPEN
Y9918
*
GND
LIVE (⊥)
ISOLATED

LINE FILTER PWB ASS'Y
LCA90143-13B (SFP-9308A) [PD-Z50DX4]
LCA90143-14B (SFP-9309A) [PD-Z50DX4/S]

c30051001i_1119_1/1_0.0

SUB POWER PWB CIRCUIT DIAGRAM SHEET 30


MAIN POWER UNIT
CN9005 QGA3901C1-05
370V
NC
GND
GND
GND3
IC9001 STR-W6765-F5
H9001 LC32589-001A
Drain
NC
S/GND
Vcc
SS/OLP
FB
OCP/BD
C9001 QEZ0674-476
R9004 *
R9005 *
1W
C9003 *
2KV
K9003 BW
R9002 0.56 QRM059J-R56
R9003 OPEN
C9010 1/50
CH
C9004 470p
R9001 100 QRK126J-101X
C9007 47/50
D9001 MTZJ33B-T2
D9002 QUY160-150Y
D9003 QUY153-050Y
Q9001 OPEN
R9007 OPEN
D9005 *3
R9006 1.2k 1/2W
D9006 RGP10J-04TS-T3
C9006 0.0056
D9007 OPEN
D9010 OPEN
CP9001 QMFZ043-5R0Z-J1
C9002 0.0033 630V QFP32JK-332
R9008 560K 1/2W
R9013 OPEN
R9009 *
D9008 SARS01-T2
D9009 SARS01-T2
K9001 BW
K9002 BW
C9005 OPEN
D9004 RGP10J-04TS-T3
C9011 OPEN
R9010 47 QRZ9017-470
C9008 .1
PS
R9011 3.3k
R9012 1k
C9009 OPEN
D9011 *3
PC9001 *
VOLTAGE FEED BACK
T9001 QQS0247-001
C9901 QCZ9079-102
C9902 QCZ9079-102
Y9901 OPEN
GND3
GND2
LIVE (⊥)
ISOLATED(⏚)
K9051 BW
C9050 OPEN
H9002 -(1/3) LC32473-001A
D9051 FMX-22S
C9051 2200/25 QECQ1EM-228
C9052 2200/25 QECQ1EM-228
R9050 * 3W
H9002-(2/2)
D9053 OPEN
C9054 OPEN
C9060 OPEN
Y9301 QUY160-100Y
D9052 RU3YX-LFC4
CP9051 ICP-N50-Y
CP
C9053 1000/25 QEHR1EM-108Z
D9054 OPEN
C9055 OPEN
R9060 OPEN
GND1
R9051 1k
R9059 1k
C9056 OPEN
R9052 OPEN
R9054 OPEN
R9053 12k
C9057 .1
R9055 8.2k 1% QRA14CF-8201Y
D9055 OPEN
D9056 OPEN
IC9051 UTCTL431-T ERROR AMP
R9057 2k 1% QRA14CF-2001Y
R9058 27k
C9059 OPEN
L9300 OPEN
Y9302 QUY160-100Y
IC9301 OPEN
H9002-(3/3)
IN
OUT
GND
Vadj
ON
OFF
C9300 OPEN
D9301 OPEN
C9301 OPEN
L9301 OPEN
C9302 OPEN
D9303 OPEN
L9302 OPEN
C9303 OPEN
C9304 OPEN
R9300 OPEN
R9301 OPEN
R9302 OPEN
R9303 OPEN
CN9001 QGA7901C1-02
AUDIO_VCC
AUDIO_GND
AUDIO PWB ASS'Y CN600B (SHEET25)
CN9002 QGA2501C5-07Z
15V
15V
GND
GND
NC
GND
5V
PANEL INTERFACE PWB ASS'Y (3/3) CN00E (SHEET24)
CN9010 OPEN
BT32V
19V
19V
GND
GND
15V
GND
LB_PRO
GND
OPEN
Y9303 OPEN
Y9304 OPEN
GND1
GND2
GND4
GND5

* DIFFERENCE LIST

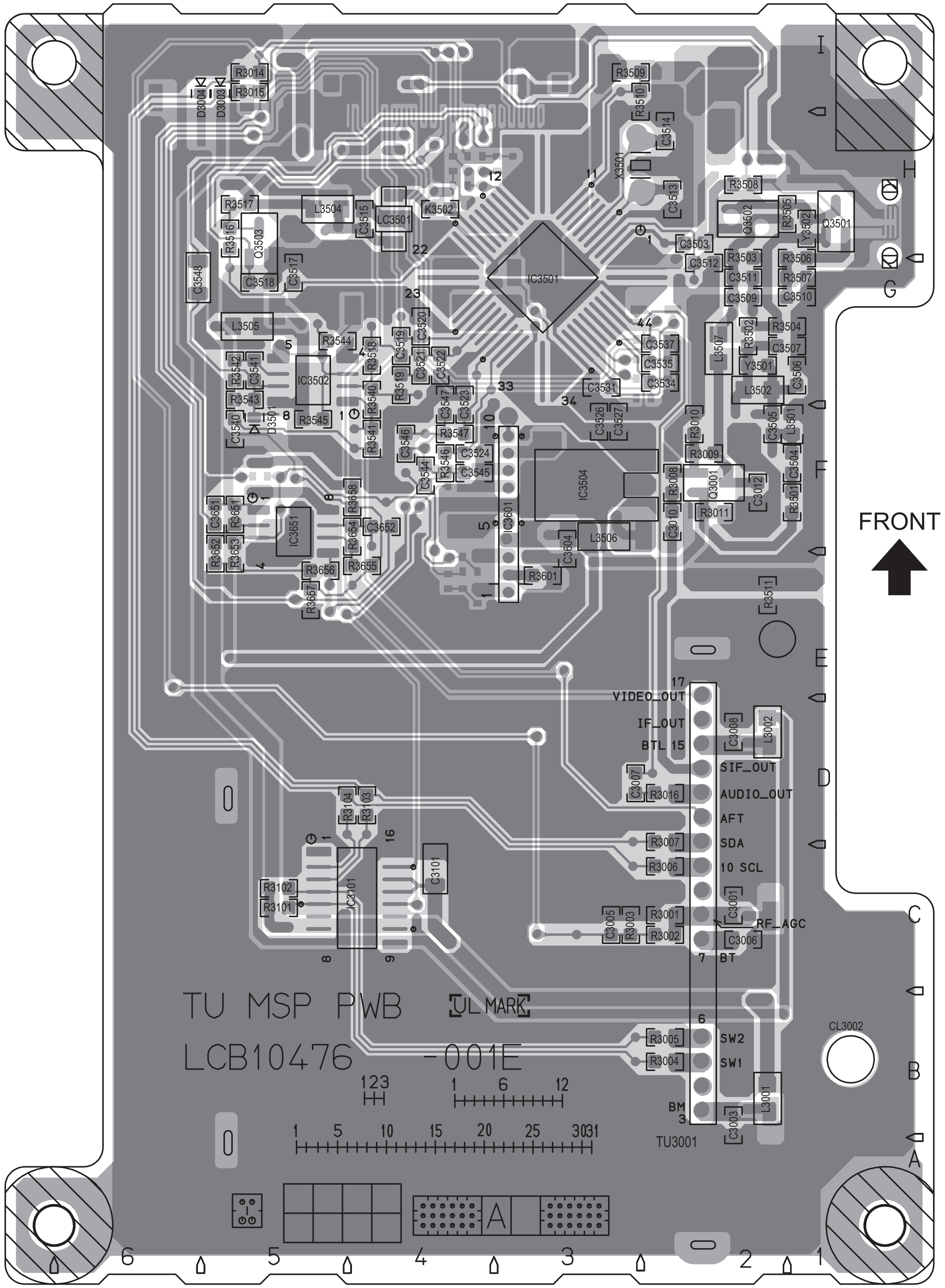
MODEL	VM-50DH50A VM-42DH4A VM-50DH4A	VM-50X575TZA VM-50X575TZA VM-42X795SA VM-50X795ZA	VM-Z50DX4A	VM-Z50DX4CA VM-Z50DX4SA
ASSY NO.	SFP-9601A	SFP-9505A		
	OLLC04305	OLLC04305 -02	OLLC04305 -03	OLLC04305 -04
PC9001	PC123Y22FZ	PS2581AL1 /QW/	PC123Y22FZ	PC123Y22FZ
R9004	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9005	QRL01EJ -104X	QRL029J -104	QRL01EJ -104X	QRL01EJ -104X
R9009	QRL03EJ -220X	QRL039J -220	QRL03EJ -220X	QRL03EJ -220X
R9050	QRL03EJ -181X	QRL039J -181	QRL03EJ -181X	QRL03EJ -181X
C9003	QCZ0354 -471Z	QCZ0340 -471	QCZ0354 -471Z	QCZ0354 -471Z

SUB POWER PWB ASS'Y
LCA10353-03D (SFP-9312A) [PD-Z50DX4]
LCA10353-04D (SFP-9313A) [PD-Z50DX4/S]

c10165001c_1119_1/1_0.0

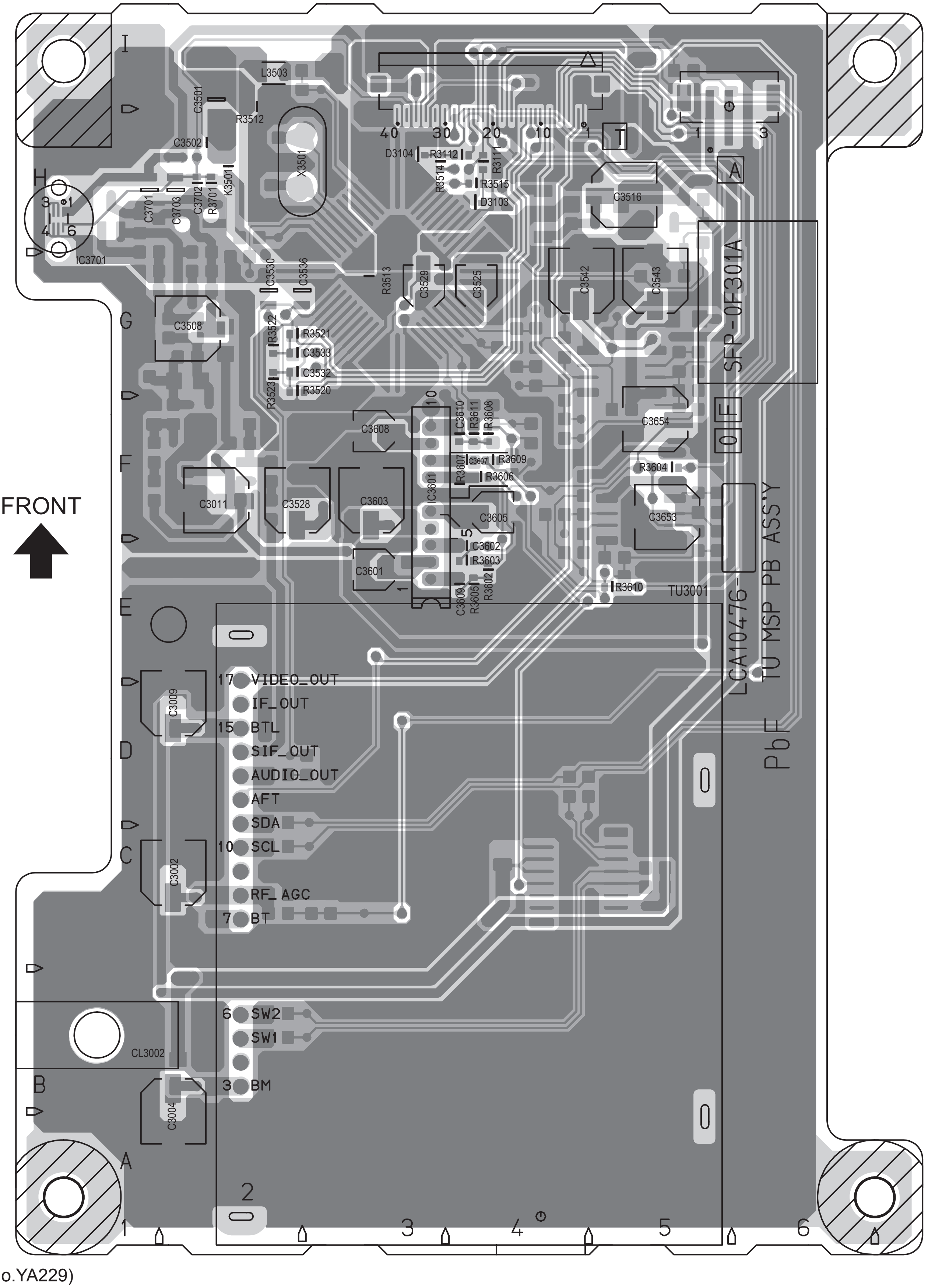
PATTERN DIAGRAMS [RECEIVER UNIT]

RECEIVER PWB PATTERN [SOLDER SIDE]



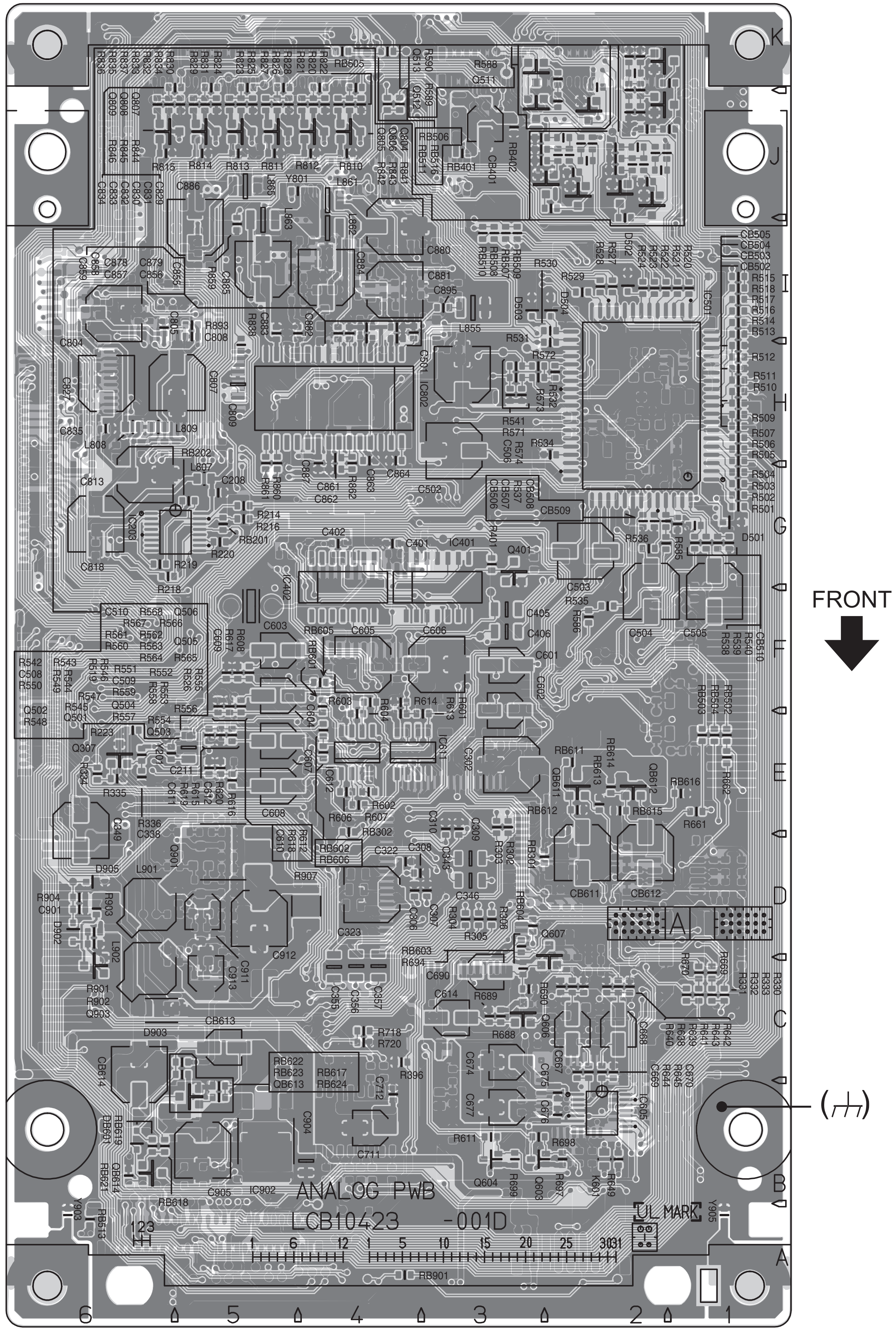
FRONT
IC3501
IC3502
IC3504
IC3651
IC3101
IC3601
Q3501
Q3502
Q3503
Q3001
X3501
Y3501
L3502
L3504
L3505
L3506
L3507
LC3501
K3502
D3501
D3003
D3004
R3014
R3015
17 VIDEO_OUT
IF_OUT
BTL 15
SIF_OUT
AUDIO_OUT
AFT
SDA
10 SCL
RF_AGC
7 BT
6 SW2
SW1
BM 3
TU3001
CL3002
TU MSP PWB
UL MARK
LCB10476 -001E
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

RECEIVER PWB PATTERN[PARTS SIDE]

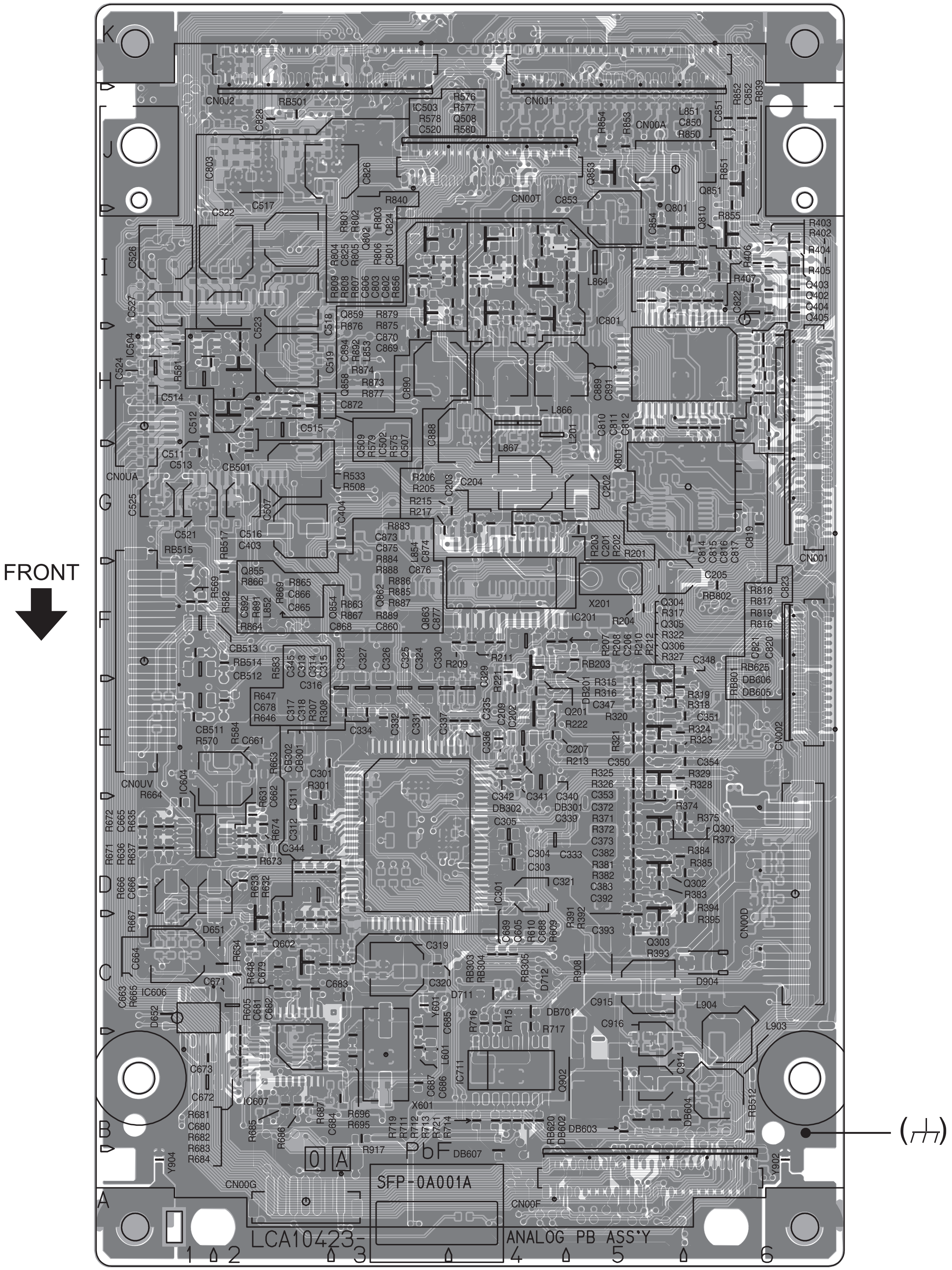


FRONT
IC3701
X3501
K3501
L3503
C3516
C3542
C3543
C3508
C3011
C3528
C3603
C3601
C3654
C3653
SFP-0F301A
LCA10476-
TU MSP PB ASS'Y
PbF
TU3001
17 VIDEO_OUT
IF_OUT
15 BTL
SIF_OUT
AUDIO_OUT
AFT
SDA
10 SCL
RF_AGC
7 BT
6 SW2
SW1
3 BM
CL3002
C3009
C3002
C3004
A
B
C
D
E
F
G
H
I
1
2
3
4
5
6

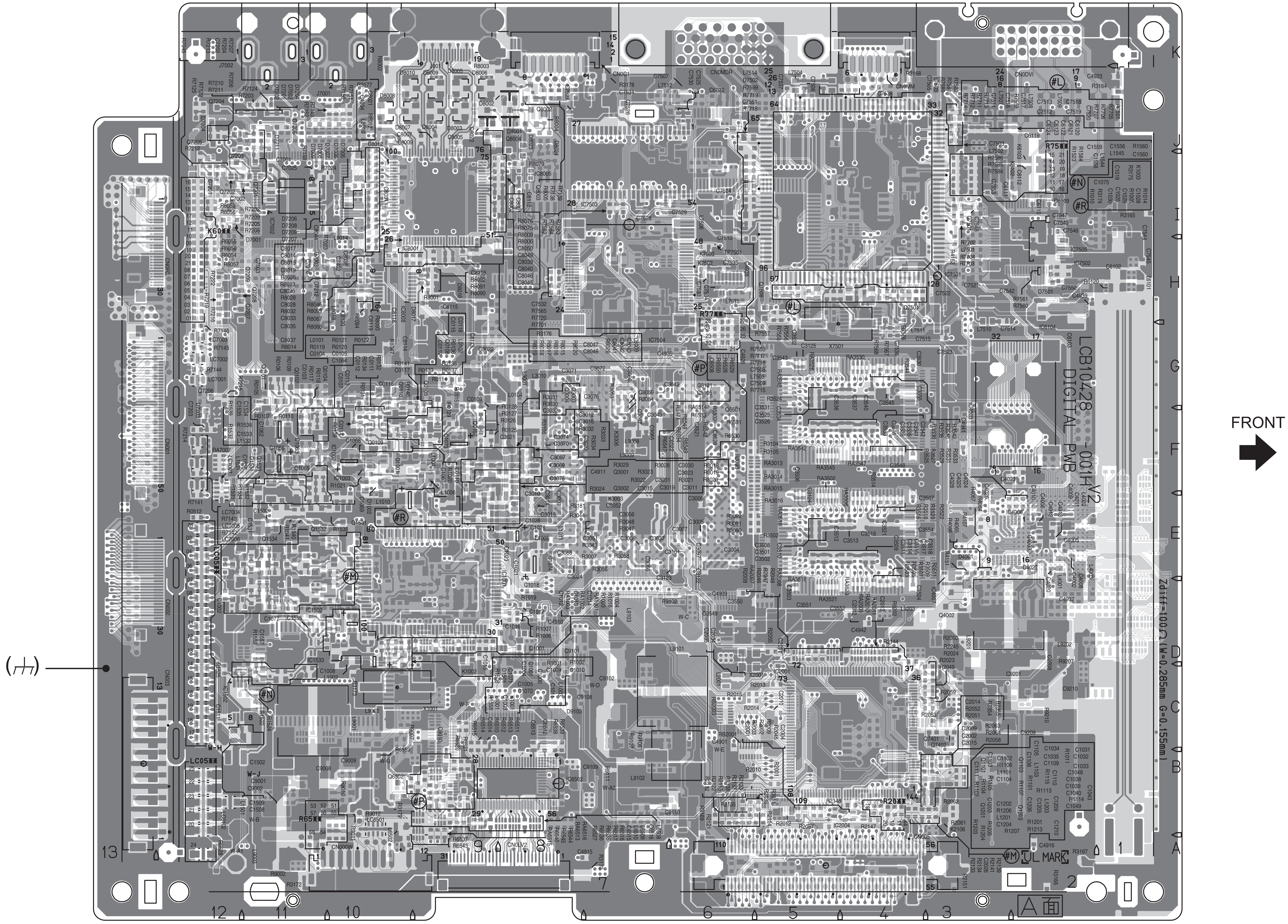
ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]


FRONT
ANALOG PWB
LCB10423 -001D
UL MARK
K
J
I
H
G
F
E
D
C
B
A
6
5
4
3
2
1

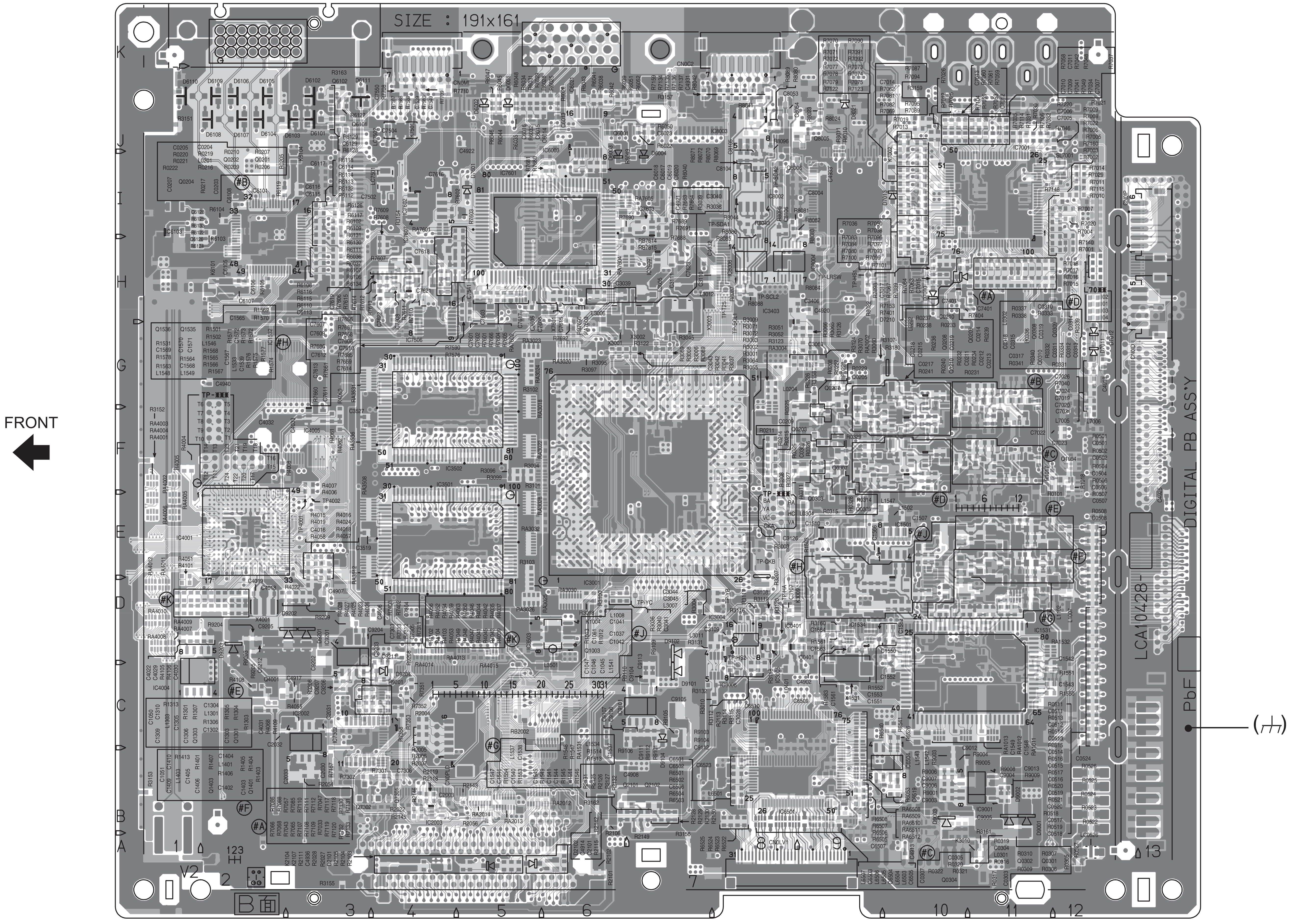
ANALOG SIGNAL PWB PATTERN [PARTS SIDE]


FRONT
SFP-0A001A
LCA10423-
ANALOG PB ASS'Y
PbF
0A
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6

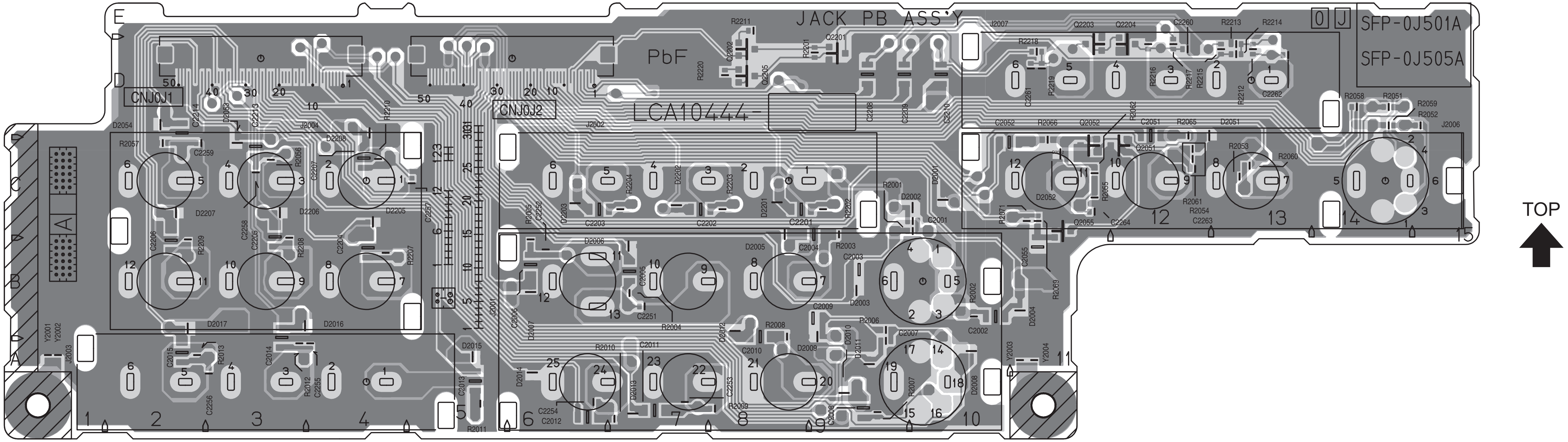
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]


(ハ)
FRONT
LCB10428-001H V2
DIGITAL PWB
Zdiff=100Ω(W=0.285mm G=0.155mm)
K
J
I
H
G
F
E
D
C
B
A
13
12
11
10
7
6
5
4
3
2
1
A面
UL MARK

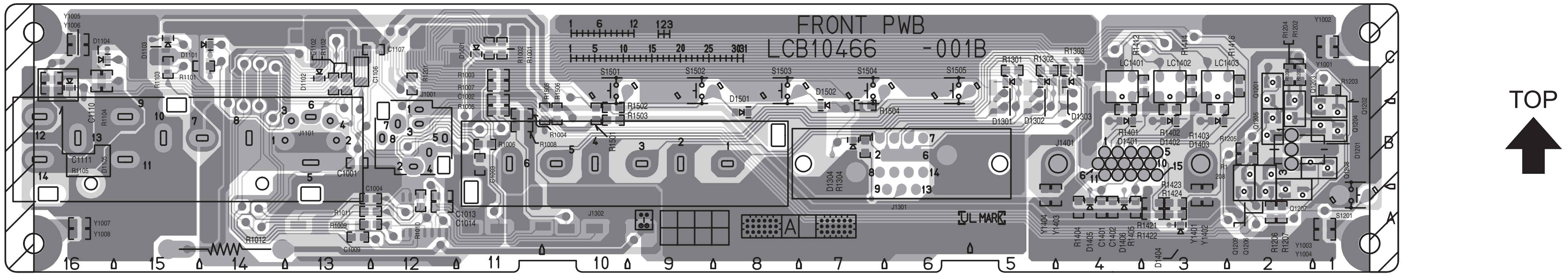
DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]


SIZE : 191x161
FRONT
DIGITAL PB ASS'Y
LCA10428-
PbF
B面
K
J
I
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
V2

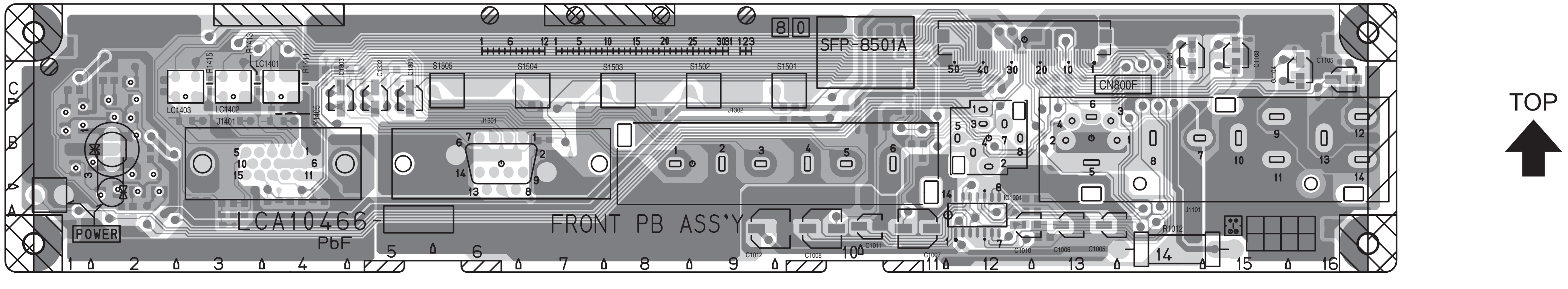
REAR JACK PWB PATTERN


JACK PB ASS'Y
PbF
LCA10444-
CNJ0J1
CNJ0J2
0J
SFP-0J501A
SFP-0J505A
TOP

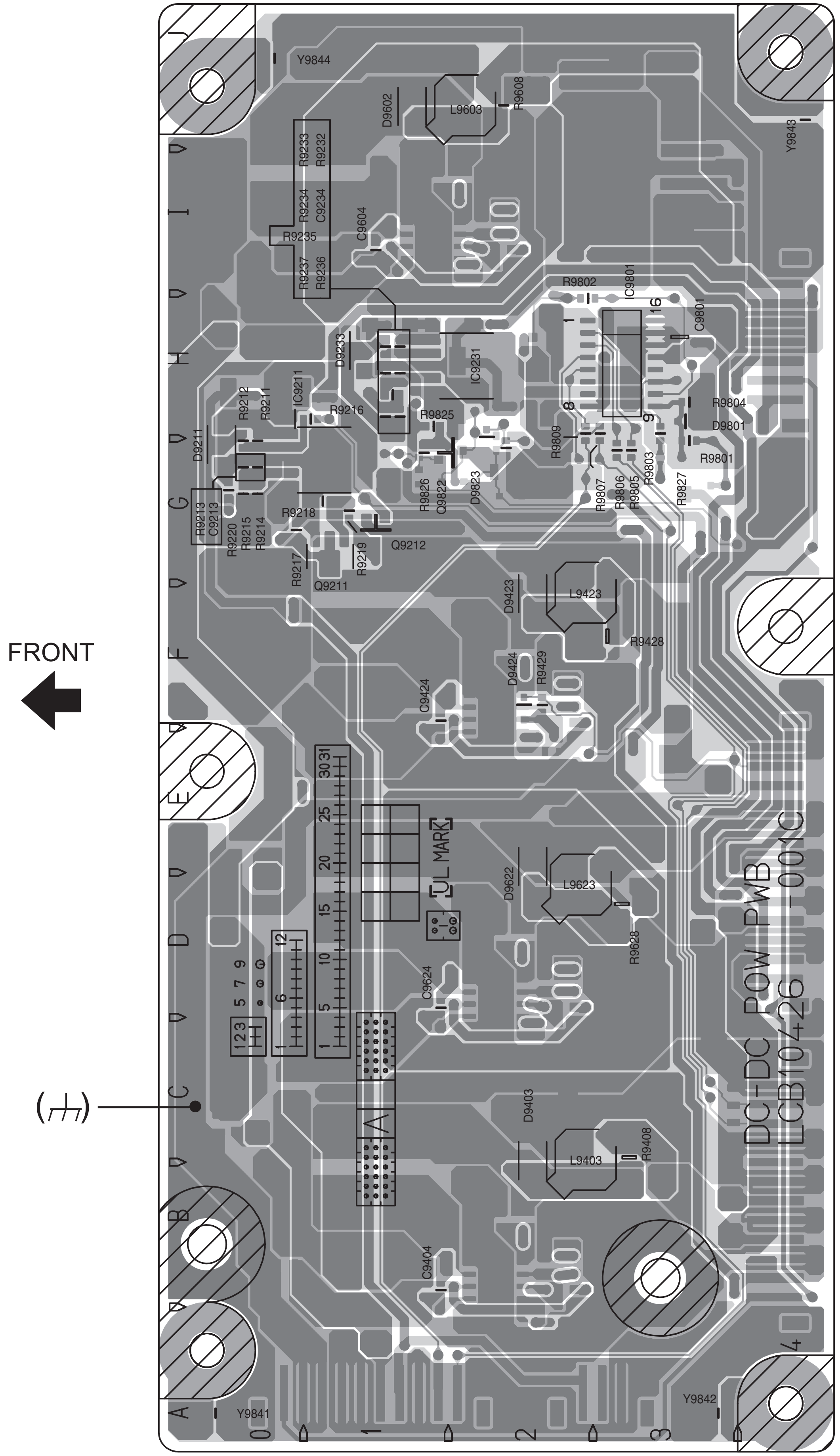
FRONT CONTROL PWB PATTERN [SOLDER SIDE]


FRONT PWB
LCB10466 -001B
UL MARK
TOP

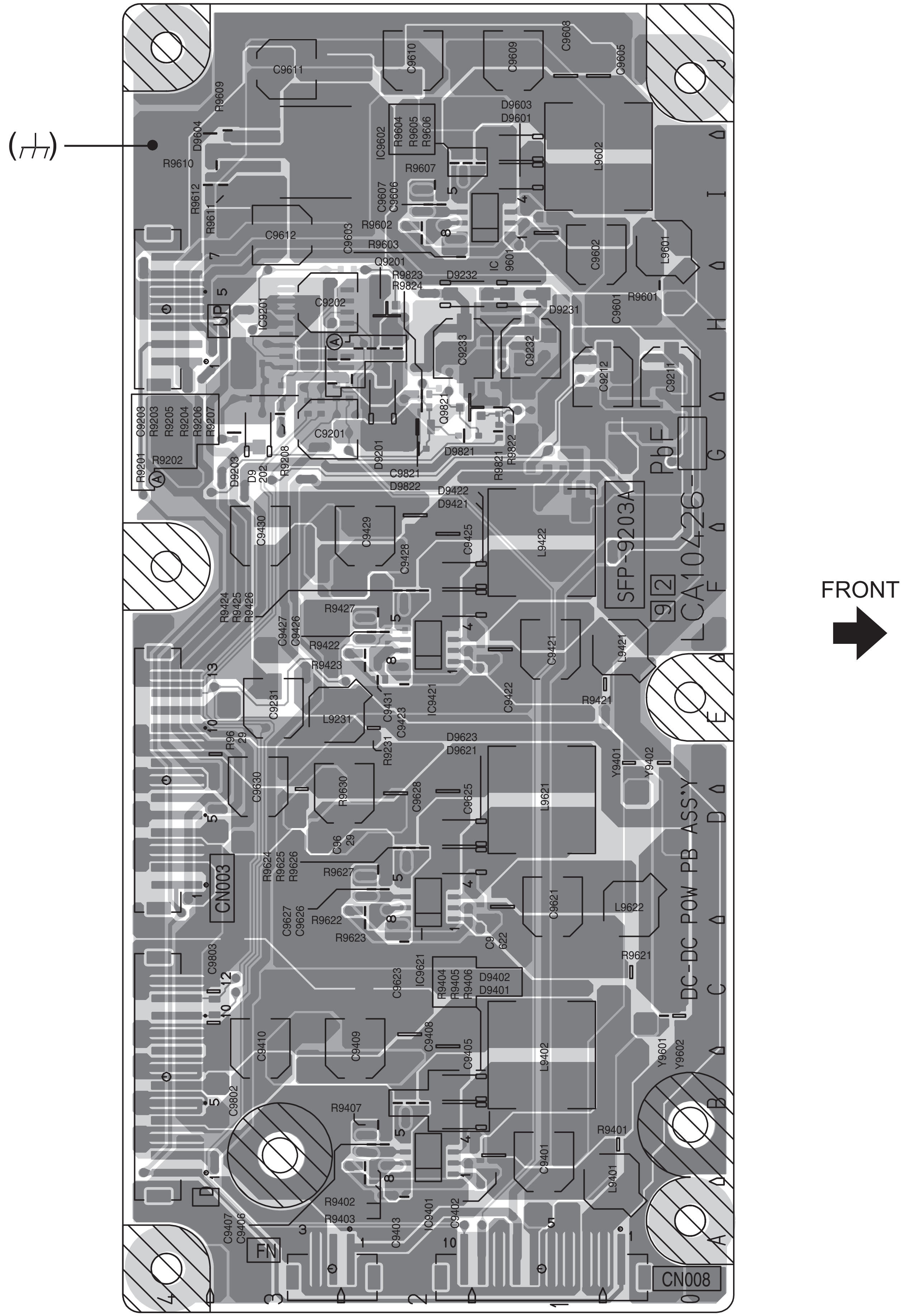
FRONT CONTROL PWB PATTERN [PARTS SIDE]


80
SFP-8501A
CN800F
LCA10466
PbF
FRONT PB ASS'Y
POWER
TOP

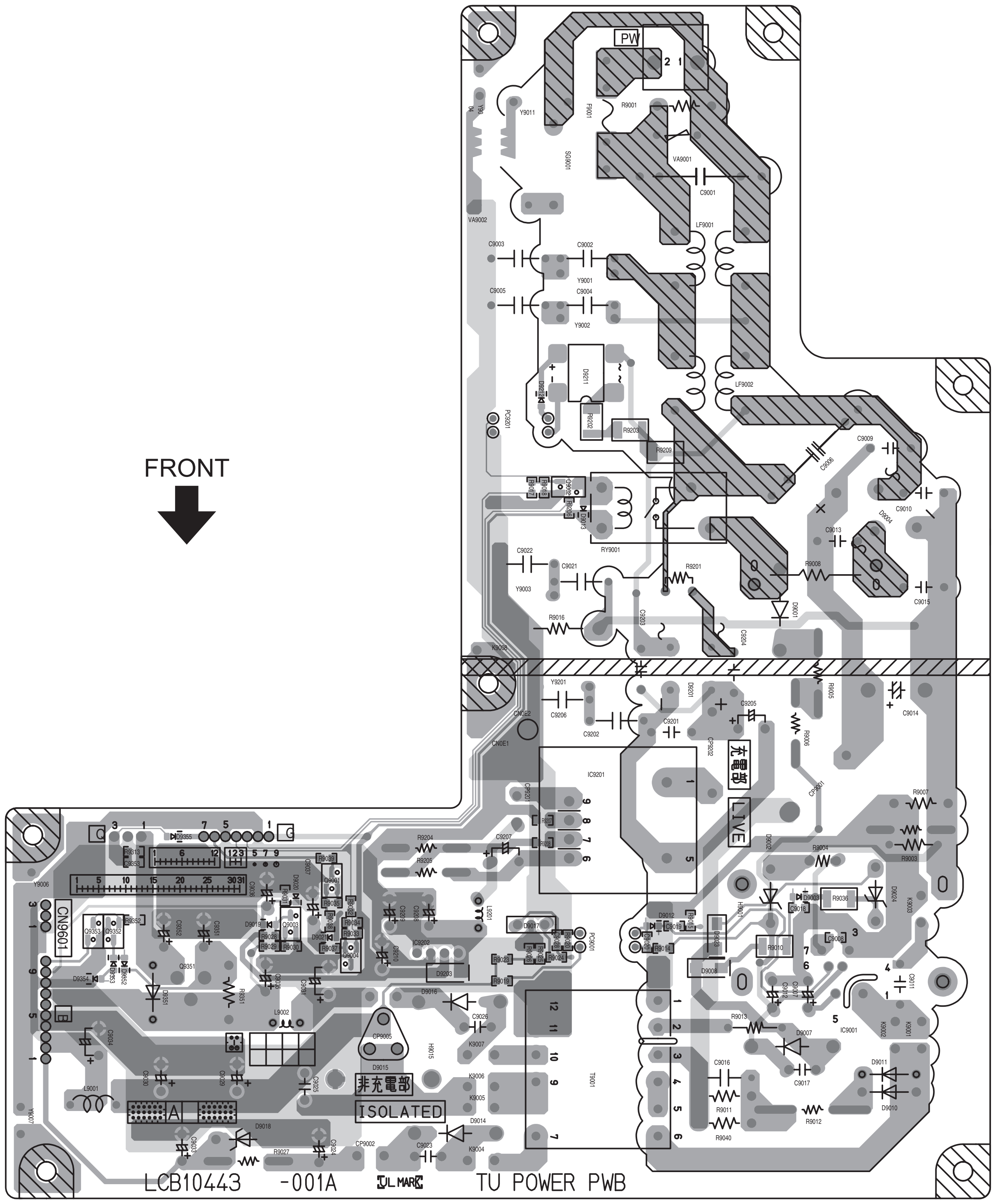
REGULATOR PWB PATTERN [SOLDER SIDE]


FRONT
(⏊)
Y9844
Y9843
Y9842
Y9841
D9602
L9603
R9608
R9233
R9232
R9234
C9234
R9235
C9604
R9237
R9236
R9802
IC9801
C9801
D9233
C9231
IC9211
R9212
R9211
R9216
R9825
R9804
D9801
R9801
D9211
R9213
C9213
R9220
R9215
R9214
R9218
R9217
Q9211
R9219
Q9212
R9826
Q9822
D9823
R9809
R9807
R9806
R9805
R9803
R9827
D9423
L9423
R9428
C9424
D9424
R9429
UL MARK
D9622
L9623
R9628
C9624
D9403
L9403
R9408
C9404
DC-DC POW PWB
LCB10426 -001C
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

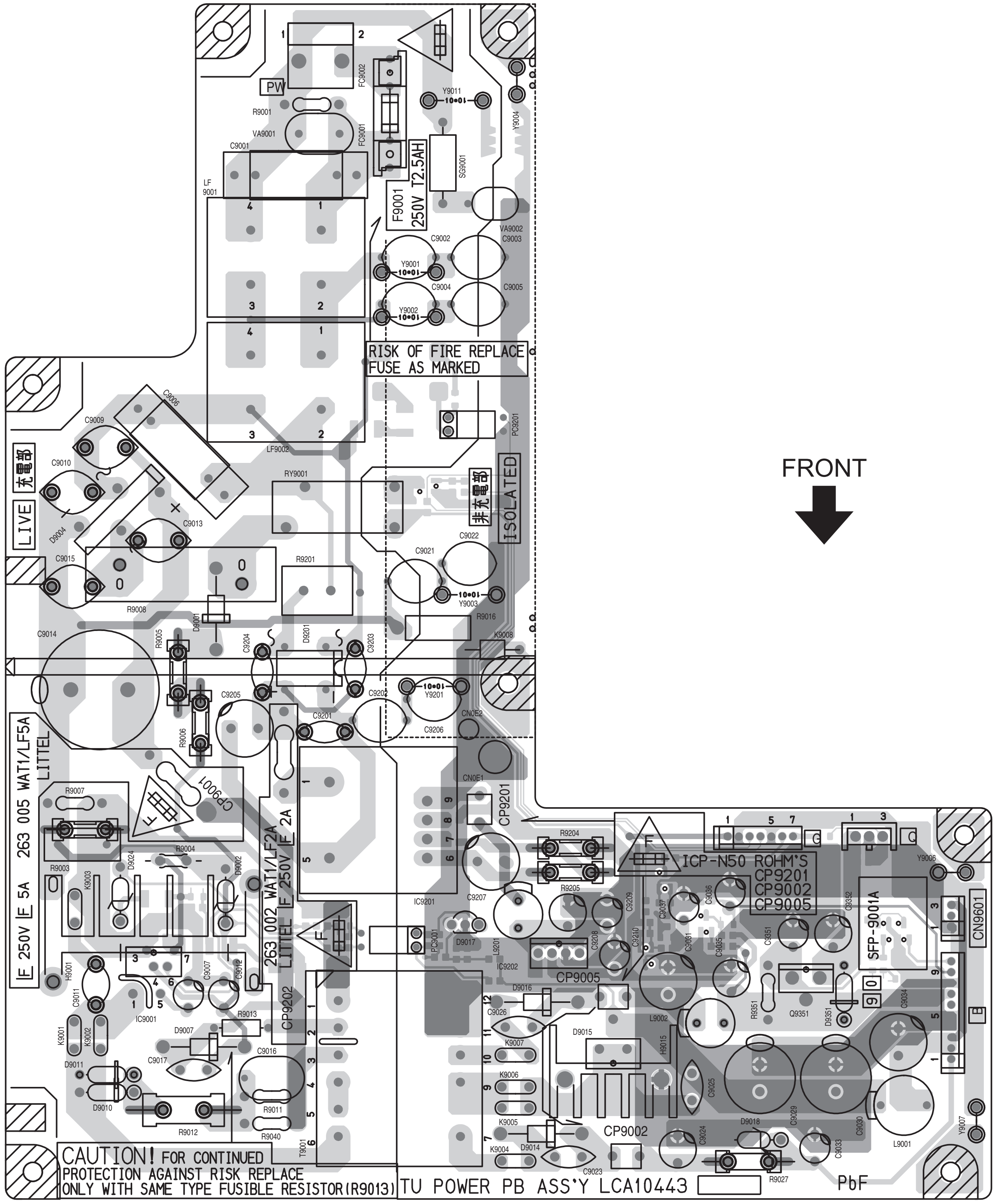
REGULATOR PWB PATTERN [PARTS SIDE]


FRONT
(⏊)
C9611
C9610
C9609
C9608
C9605
R9609
D9604
R9610
D9603
D9601
IC9602
R9604
R9605
R9606
R9607
L9602
R9612
R9611
C9612
C9607
C9606
R9602
R9603
Q9201
C9603
IC9601
C9602
L9601
R9601
UP
IC9201
C9202
R9823
R9824
D9232
D9231
C9601
C9233
C9232
C9212
C9211
C9203
R9203
R9205
R9204
R9206
R9207
R9201
R9202
D9203
R9208
C9201
D9201
Q9821
D9821
R9821
R9822
C9821
D9822
D9422
D9421
P0F
SFP-9203A
LCA10426
C9430
C9429
C9428
C9425
L9422
R9424
R9425
R9426
R9427
C9427
C9426
R9422
R9423
C9421
L9421
IC9421
C9422
R9421
C9231
L9231
C9431
C9423
R9231
D9623
D9621
Y9401
Y9402
C9630
R9630
C9628
C9625
L9621
CN003
R9624
R9625
R9626
R9627
C9627
C9626
R9622
R9623
C9621
L9622
R9621
C9803
IC9621
C9623
R9404
R9405
R9406
D9402
D9401
C9410
C9409
C9408
C9405
L9402
Y9601
Y9602
C9802
R9407
R9401
C9401
L9401
R9402
R9403
C9407
C9406
C9403
C9402
FN
CN008
DC-DC POW PB ASS'Y
A
B
C
D
E
F
G
H
I
J
0
1
2
3
4

SYSTEM POWER PWB PATTERN [SOLDER SIDE]

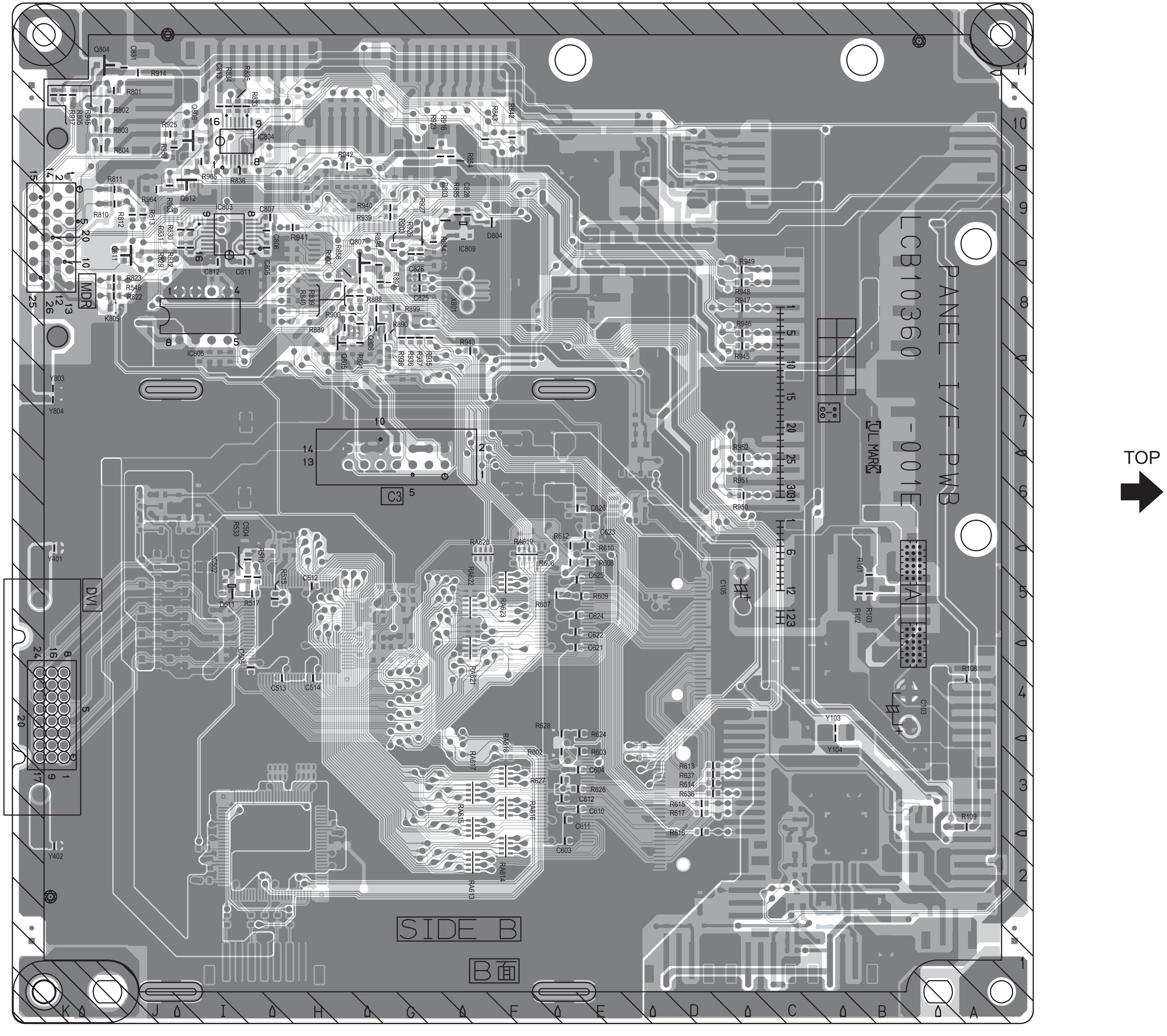

FRONT
PW
充電部
LIVE
CN9601
非充電部
ISOLATED
LCB10443 -001A
TU POWER PWB

SYSTEM POWER PWB PATTERN [PARTS SIDE]


FRONT
PW
F9001
250V T2.5AH
RISK OF FIRE REPLACE
FUSE AS MARKED
LIVE
充電部
非充電部
ISOLATED
263 005 WAT1/LF5A
LITTEL
F 250V F 5A
263 002 WAT1/LF2A
LITTEL F 250V F 2A
CP9201
CP9202
CP9005
CP9002
ICP-N50 ROHM'S
CP9201
CP9002
CP9005
SFP-9001A
CN9601
CAUTION! FOR CONTINUED
PROTECTION AGAINST RISK REPLACE
ONLY WITH SAME TYPE FUSIBLE RESISTOR(R9013)
TU POWER PB ASS'Y LCA10443
PbF

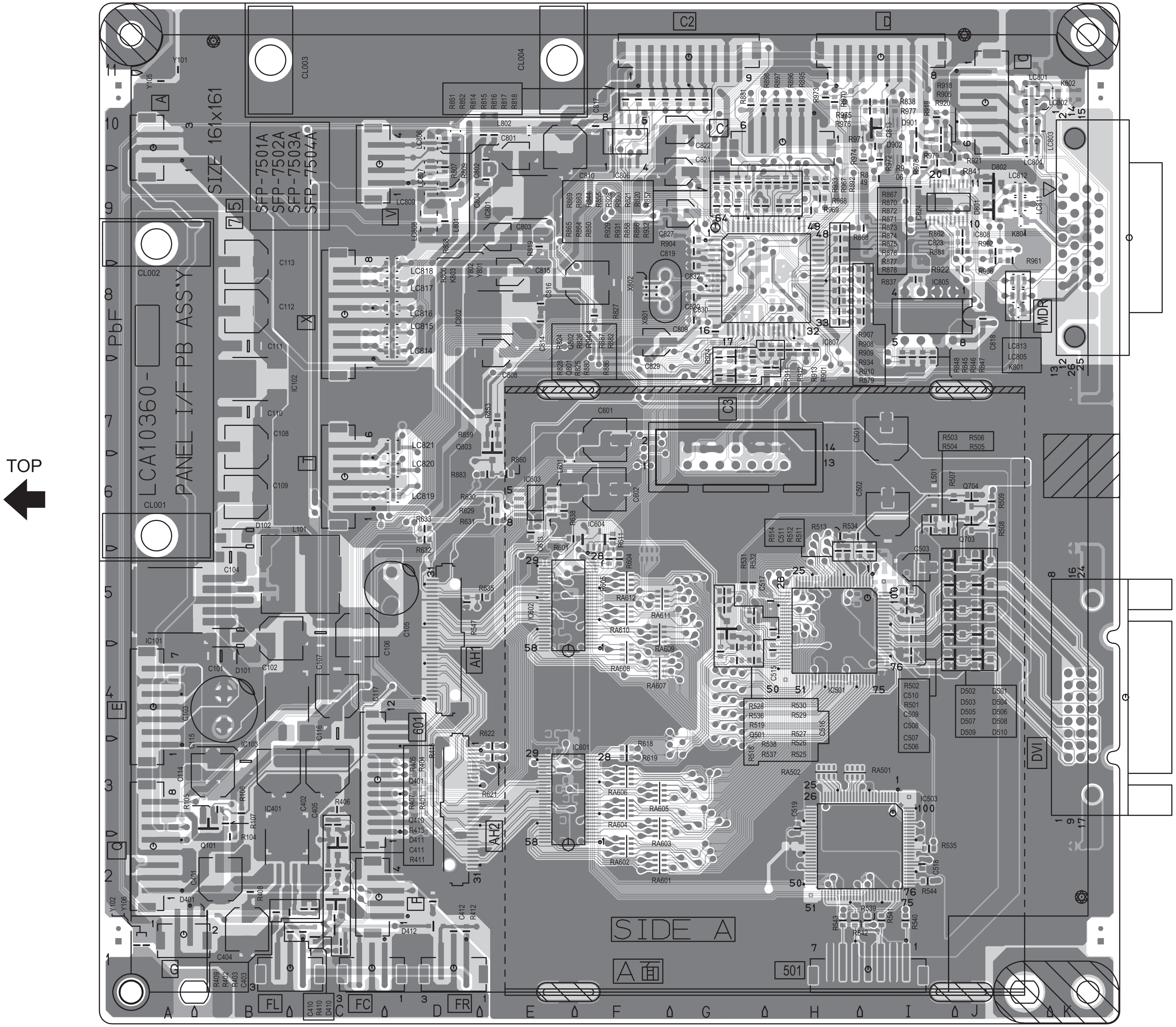
PATTERN DIAGRAMS [DISPLAY UNIT]

DISPLAY INTERFACE PWB PATTERN [SOLDER SIDE]

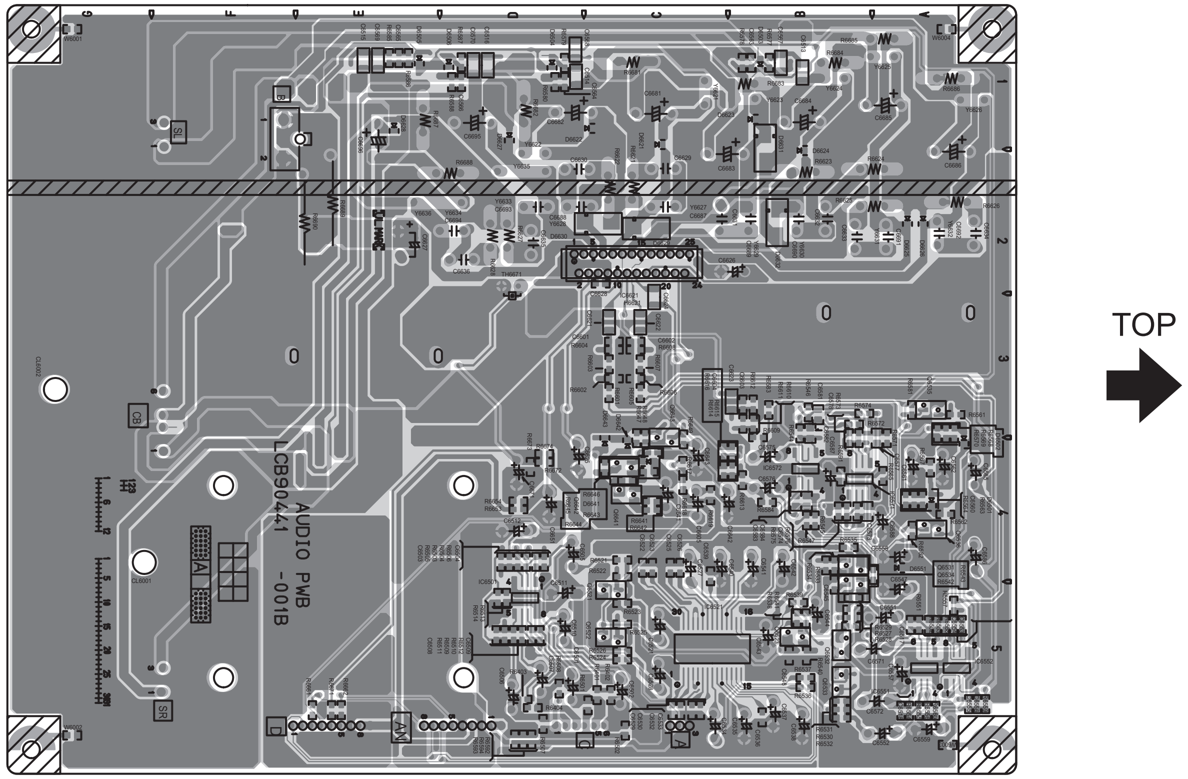


PANEL I/F PWB
LCB10360-001E
UL MARK
SIDE B
B面
DVI
MDR
C3
IC803
IC804
IC805
IC809
X801
Q804
Q807
Q812
D804
D611
Y401
Y402
Y803
Y804
Y103
Y104
K805
C105
C103
R101
R102
R103
R108
R109
TOP
11
10
9
8
7
6
5
4
3
2
1
K
J
I
H
G
F
E
D
C
B
A

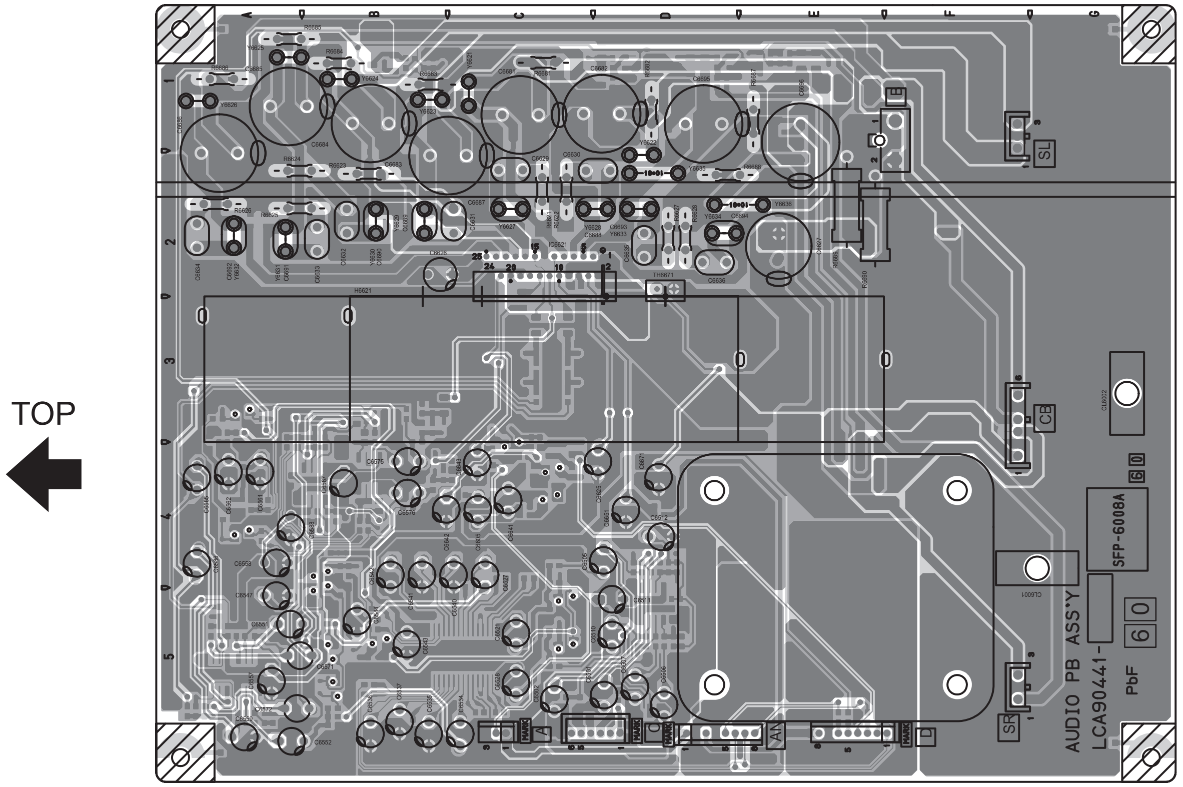
DISPLAY INTERFACE PWB PATTERN [PARTS SIDE]


TOP
LCA10360-
PANEL I/F PB ASS'Y
PbF
SFP-7501A
SFP-7502A
SFP-7503A
SFP-7504A
SIZE 161x161
SIDE A
A面
C2
D
C1
C3
MDR
DVI
AH1
AH2
601
501
FL
FC
FR
E
G
A
B
C
D
E
F
G
H
I
J
K
CL001
CL002
CL003
CL004
IC101
IC102
IC103
IC401
IC501
IC503
IC601
IC602
IC603
IC604
IC805
IC806
IC807

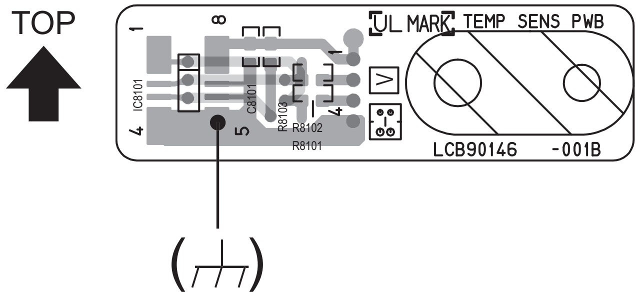
AUDIO PWB PATTERN [SOLDER SIDE]


AUDIO PWB
LCB90441 -001B
TOP

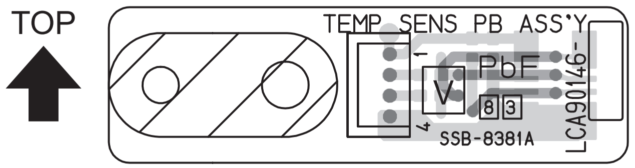
AUDIO PWB PATTERN [PARTS SIDE]


TOP
AUDIO PB ASS'Y
LCA90441-
PbF
SFP-6008A
SL
CB
SR

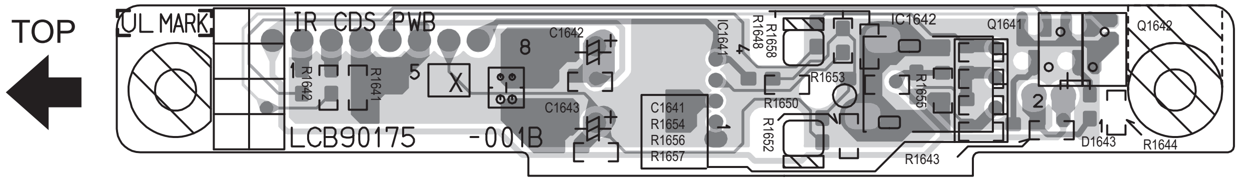
TEMP. SENSOR PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
TEMP SENS PWB
LCB90146 -001B
IC8101
C8101
R8102
R8101
8
1
4
5
(⏊)

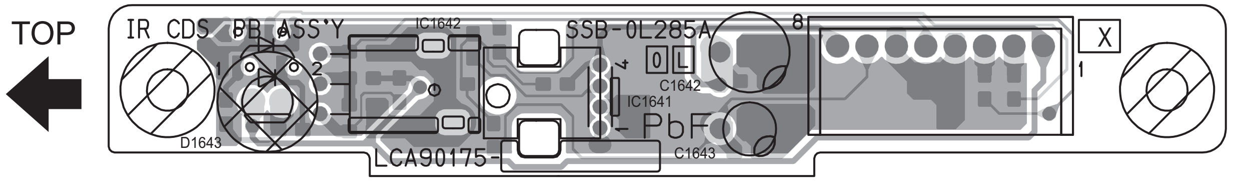
TEMP. SENSOR PWB PATTERN [PARTS SIDE]


TOP
TEMP SENS PB ASS'Y
PbF
8 3
SSB-8381A
LCA90146-

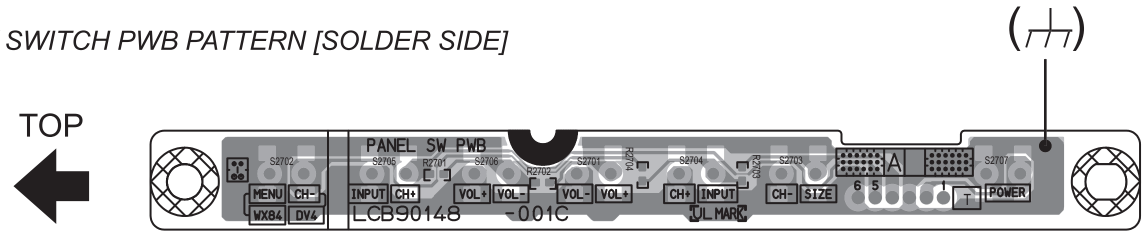
DISPLAY LED PWB PATTERN [SOLDER SIDE]


TOP
UL MARK
IR CDS PWB
LCB90175 -001B
C1642
C1643
C1641
R1654
R1656
R1657
IC1641
R1648
R1658
R1650
R1653
R1652
IC1642
Q1641
Q1642
D1643
R1643
R1644

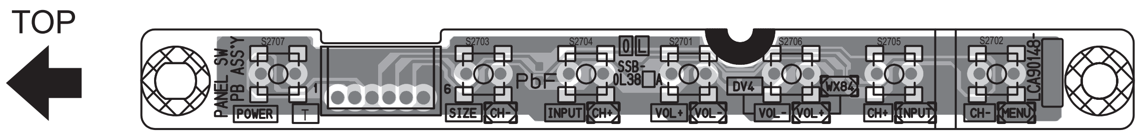
DISPLAY LED PWB PATTERN [PARTS SIDE]


TOP
IR CDS PB ASS'Y
IC1642
SSB-0L285A
0 L
C1642
IC1641
PbF
D1643
LCA90175-
C1643

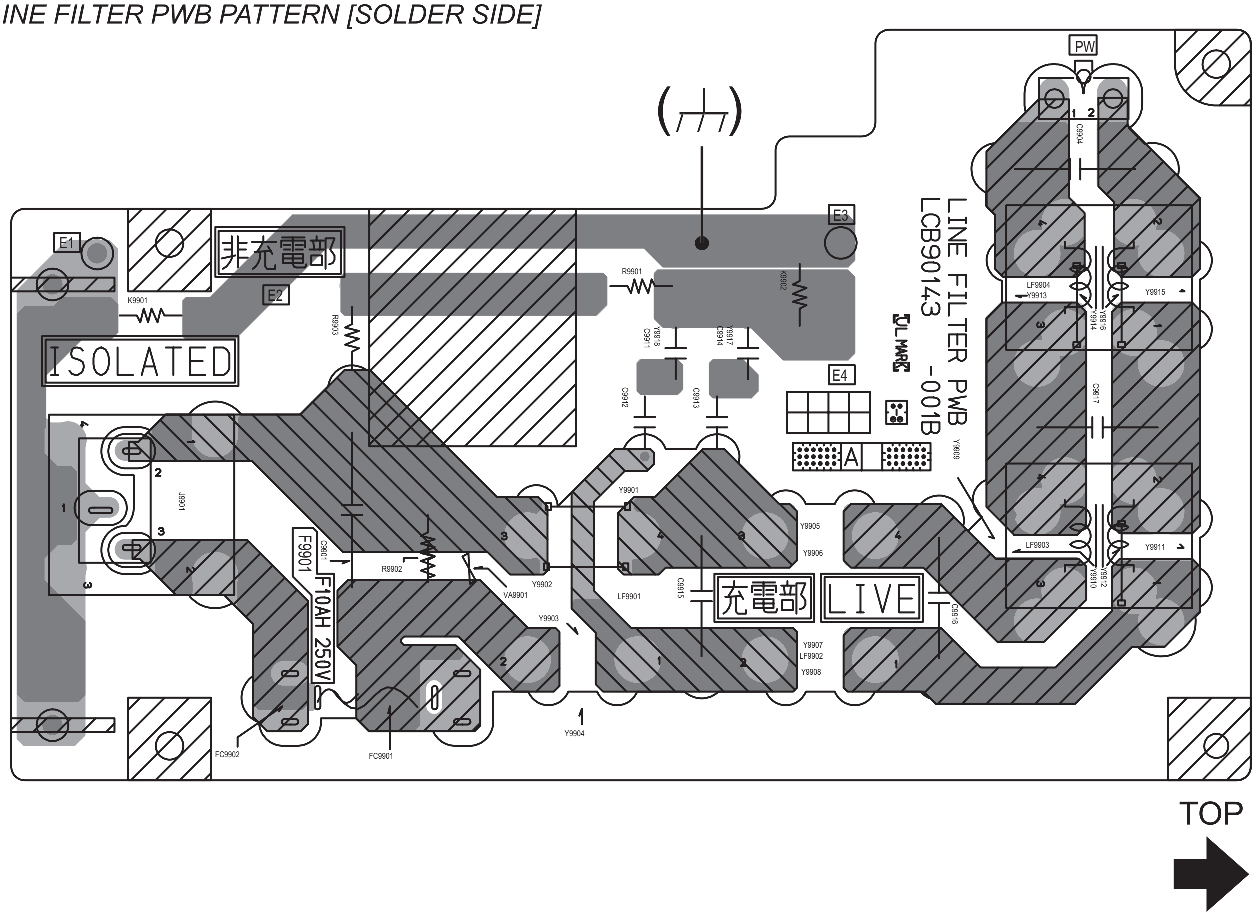
DISPLAY SWITCH PWB PATTERN [SOLDER SIDE]


(⏊)
TOP
PANEL SW PWB
LCB90148 -001C
UL MARK
MENU
CH-
WX84
DV4
INPUT
CH+
VOL+
VOL-
SIZE
POWER

DISPLAY SWITCH PWB PATTERN [PARTS SIDE]

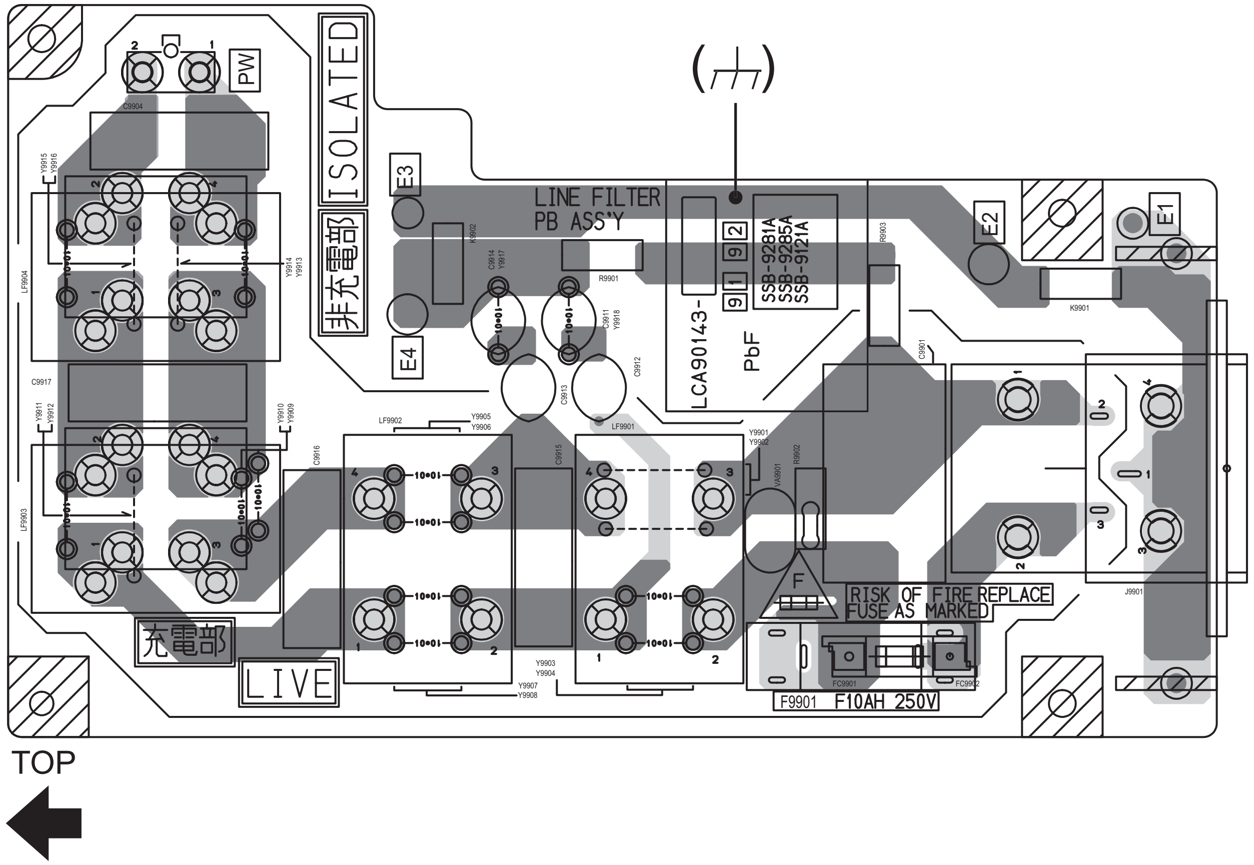

TOP
PANEL SW PB ASS'Y
POWER
SIZE
CH-
INPUT
CH+
VOL+
VOL-
PbF
SSB-0L36
DV4
WX84
MENU
LCA90148-

LINE FILTER PWB PATTERN [SOLDER SIDE]



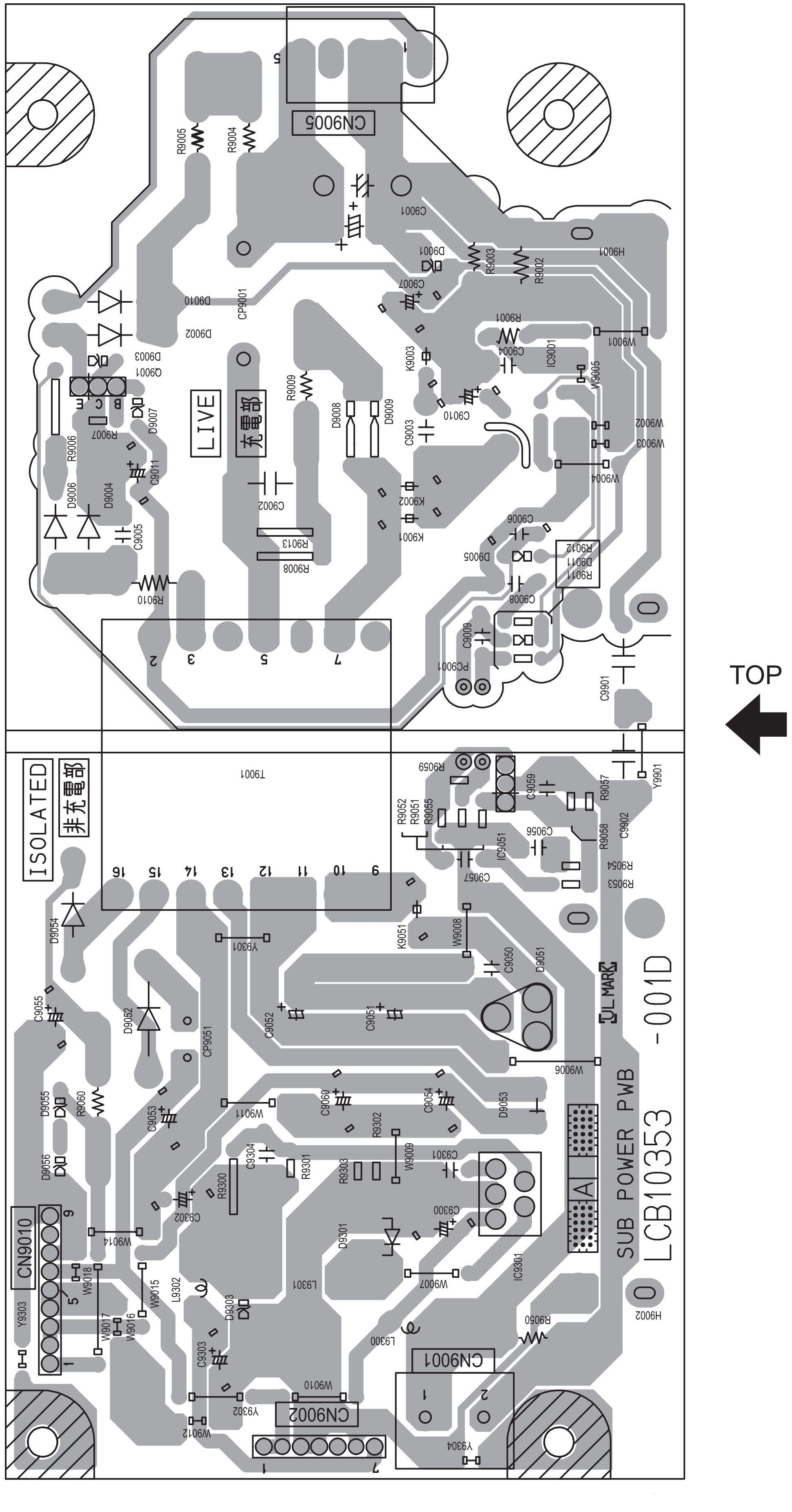
LINE FILTER PWB
LCB90143 -001B
ISOLATED
非充電部
充電部
LIVE
F9901 F10AH 250V
E1
E2
E3
E4
PW
TOP

LINE FILTER PWB PATTERN [PARTS SIDE]



LINE FILTER PB ASS'Y
LCA90143-
PbF
SSB-9281A
SSB-9285A
SSB-9121A
ISOLATED
非充電部
充電部
LIVE
RISK OF FIRE REPLACE FUSE AS MARKED
F9901 F10AH 250V
E1
E2
E3
E4
PW
TOP

SUB POWER PWB PATTERN



SUB POWER PWB
LCB10353 -001D
ISOLATED
非充電部
充電部
LIVE
CN9005
CN9001
CN9002
CN9010
T9001
IC9001
IC9051
IC9301
TOP

VOLTAGE CHARTS [RECEIVER UNIT]

<RECEIVER PWB>
[P.2-9,10]

MODE PIN NO.	DC (V)
IC3102	
1	0
2	4.5
3	4.5
4	1.3
5	1.2
6	0
7	0
8	0
9	4.7
10	0
11	0
12	0
13	4.8
14	4.5
15	4.8
16	4.8
IC3103	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	4.5
8	9.0
IC3301	
1	4.4
2	4.5
3	4.4
4	0.7
5	4.5
6	0.7
7	0
8	4.5
9	0
10	4.6
11	4.8
12	9.0
13	4.4
14	4.5
15	0
16	4.5
17	4.4
18	4.5
IC3302	
1	4.5
2	4.5
3	4.5
4	0
5	4.5
6	4.5
7	0
8	8.9
Q3003	
E	0
C	1.7
B	0
Q3101	
E	0
C	3.7
B	0
TU3001	
1	0
2	0
3	0
9	31.3
10	4.8
11	4.7
12	4.7
13	0
14	0
20	0
21	1.7
22	4.8
23	0.7
24	2.3
25	0
26	2.3
27	2.3
28	0
TU3101	
1	31.3
2	4.8
3	4.5
4	4.5
5	2.4
6	0
13	3.7
14	4.8
15	4.5
16	2.8
17	0
18	0.7
19	0.6
20	0.5
21	4.8
22	0
23	8.9
24	4.2
25	4.1
26	0

<ANALOG SIGNAL PWB>
[P.2-11 ,12]

MODE PIN NO.	DC (V)
IC501	
1	4.0
2	4.4
3	4.0
4	4.4
5	4.4
6	0
7	4.9
8	4.2
9	4.4
10	4.1
11	4.4
12	4.4
13	0
14	0
15	4.3
16	4.4
17	4.0
18	4.5
19	4.4
20	0
21	4.9
22	4.0
23	4.4
24	4.0
25	4.4
26	4.4
27	0
28	4.9
29	4.4
30	4.0
31	4.4
32	9.0
33	4.5
34	4.5
35	0
36	4.4
37	4.4
38	4.4
39	3.7
40	4.4
41	4.3
42	9.0
43	4.4
44	4.3
45	4.5
46	3.7
47	4.4
48	0
49	4.7
50	4.5
51	4.5
52	4.5
53	4.3
54	4.5
55	3.7
56	3.8
57	0
58	4.3
59	4.4
60	5.3
61	4.4
62	4.5
63	4.3
64	4.4
IC502	
1	2.1
2	2.1
3	9.0
4	2.0
5	0
6	9.0
IC503	
1	2.9
2	3.0
3	9.0
4	2.7
5	0
6	0
IC504	
1	2.1
2	2.1
3	0
4	0
5	0
6	8.9
Q507	
E	2.7
C	0
B	2.2
Q508	
E	2.8
C	0
B	2.2
Q509	
E	2.4
C	0
B	1.9

[P.2-13,14]

MODE PIN NO.	DC (V)
IC711	
1	0
2	2.4
3	4.5
4	0.3
5	2.2
6	4.5
7	1.5
8	0
9	2.4
10	0
11	4.9
12	4.9
13	0
14	4.5
15	4.6
16	4.9
IC801	
1	2.9
2	1.9
3	1.4
4	0.2
5	2.6
6	5.0
7	2.5
8	0
9	0.2
10	0.8
11	2.4
12	5.0
13	4.6
14	4.6
15	0
16	0
17	0
18	0
19	0
20	2.4
21	1.6
22	1.8
23	1.8
24	0
25	2.2
26	2.2
27	2.1
28	0
29	0
30	0
31	0
32	5.0
33	2.2
34	2.3
35	2.3
36	0
37	5.0
38	3.9
39	2.7
40	3.1
41	4.5
42	4.1
43	1.8
44	4.8
45	4.9
46	2.0
47	3.1
48	1.7
IC802	
1	1.2
2	3.1
3	4.9
4	2.4
5	0
6	1.8
7	2.3
8	0
9	0
10	0
11	4.9
12	0
13	0
14	0
15	0
16	4.6
17	0
18	0
19	2.4
20	0
21	0
22	2.6
23	2.6
24	3.3
25	3.2
26	0
27	3.6
28	1.6
IC803	
1	8.9
2	0
3	5.0
Q402	
S	3.0
D	3.1
G	4.6
Q403	
S	0
D	3.0
G	4.5
Q404	
S	2.9
D	0
G	4.7
Q405	
S	2.9
D	3.2
G	4.7
Q801	
E	2.7
C	0
B	2.1
Q802	
E	2.6
C	0
B	2.0
Q810	
E	2.0
C	0
B	1.4
Q851	
E	1.6
C	0
B	0
Q853	
E	2.1
C	8.9
B	2.7
Q854	
E	2.6
C	8.9
B	3.2
Q855	
E	1.9
C	0
B	1.3
Q858	
E	2.6
C	8.9
B	3.3
Q859	
E	3.2
C	0
B	2.3
Q862	
E	0
C	4.0
B	1.5
Q863	
E	3.4
C	4.9
B	4.0

[P.2-15,16]

MODE PIN NO.	DC (V)
IC201	
1	0.3
2	0.1
3	0.1
4	0
5	0
6	0
7	6.1
8	0
9	4.8
10	0
11	8.7
12	1.3
13	0
14	0.2
15	0.1
16	0
17	0
18	0
19	0.5
20	0
21	4.5
22	4.7
23	0
24	2.1
25	1.2
26	2.1
27	0
28	0.5
29	0.1
30	5.0
IC202	
1	0.5
2	0.5
3	0
4	0
5	3.2
IC203	
1	0.2
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	4.9
10	5.0
11	5.0
12	0
13	0
14	0
15	0.2
16	5.0
IC301	
1	5.0
2	4.5
3	4.6
4	0
5	4.6
6	0
7	4.6
8	4.8
9	4.6
10	0.4
11	4.4
12	4.4
13	0
14	4.6
15	0
16	4.6
17	4.8
18	4.6
19	0.3
20	4.3
21	4.4
22	0
23	4.4
24	4.5
25	0
26	4.2
27	4.2
28	0
29	0
30	4.3
31	8.9
32	4.4
33	4.5
34	0
35	4.4
36	4.4
37	0
38	4.5
39	4.4
40	4.4
41	4.4
42	0
43	4.5
44	4.5
45	0
46	4.5
47	8.9
48	4.6
49	0
50	4.6
51	0
52	4.6
53	0.4
54	4.4
55	4.4
56	0
57	4.6
58	0
59	4.6
60	0
61	4.6
62	0.4
63	4.4
64	4.4
65	0
66	4.6
67	4.6
68	4.6
69	0
70	4.4
71	4.4
72	0
73	5.0
74	4.6
75	4.6
76	4.6
77	0.2
78	4.4
79	4.4
80	0
IC611	
1	2.9
2	2.9
3	3.0
4	0.2
5	2.9
6	2.9
7	3.0
8	5.5
IC612	
1	4.4
2	4.4
3	4.4
4	0
5	4.4
6	4.5
7	4.4
8	8.9
Q307	
E	0
C	0
B	0

[P.2-19 ,20]

MODE PIN NO.	DC (V)
IC902	
1	4.9
2	0
3	3.3
Q901	
E	0
C	9.6
B	8.9

<REAR JACK PWB>
[P.2-21,22]

MODE PIN NO.	DC (V)
Q2051	
E	0
C	0
B	-0.3
Q2052	
E	0
C	0
B	-0.3
Q2055	
E	0
C	-0.3
B	0
Q2201	
E	0
C	0
B	-0.2
Q2202	
E	0.1
C	-0.3
B	0
Q2203	
E	0
C	0
B	-0.2
Q2204	
E	0
C	0
B	-0.2
Q2205	
E	0
C	-0.2
B	0

<DIGITAL SIGNAL PWB>
[P.2-23,24]

MODE PIN NO.	DC (V)
IC1501	
1	3.2
2	0
3	4.9
4	0
5	0
6	4.9
7	4.9
8	4.9
IC1531	
1	0
2	0
3	0
4	0.6
5	0
6	0.6
7	0
8	0
9	3.3
10	0
11	3.3
12	3.3
13	1.7
14	0
15	3.3
16	3.3
17	0
18	3.3
19	3.3
20	3.3
21	0
22	0.2
23	0.3
24	0
25	1.2
26	3.3
27	0
28	1.6
29	3.2
30	1.8
31	0
32	3.3
33	3.3
34	0
35	1.5
36	0
37	3.3
38	0
39	3.2
40	0
41	3.3
42	3.3
43	3.2
44	0
45	1.6
46	1.9
47	2.1
48	1.2
49	3.3
50	2.1
51	0
52	1.0
53	2.0
54	1.8
55	3.3
56	1.4
57	0
58	0
59	0
60	3.3
61	0
62	3.3
63	0
64	3.3
65	0
66	0
67	0
68	3.3
69	0
70	0
71	0
72	0
73	0
74	0
75	3.3
76	0
77	0
78	0
79	1.0
80	0
IC1532	
1	3.7
2	0
3	1.4
4	1.4
5	4.9
IC1534	
1	0
2	1.6
3	0
4	0
5	3.3
6	1.6
7	1.6
8	3.2
Q1536	
E	3.0
C	8.2
B	3.6
Q0210	
1	0
2	0.6
3	0.6
4	0.1
5	0.6
6	0.1
Q0301	
E	3.6
C	7.8
B	4.3
Q0302	
E	8.5
C	4.6
B	7.7
Q0303	
E	0
C	1.9
B	0
Q0304	
E	0
C	0
B	4.6
Q0307	
E	2.4
C	0
B	1.8
Q0308	
E	1.8
C	8.9
B	2.4
Q0309	
1	2.4
2	0.1
3	2.4
4	0.1
5	0.1
6	2.4
Q0310	
1	0
2	0.6
3	0.6
4	0.1
5	0
6	0.1

[P.2-25,26]

MODE PIN NO.	DC (V)
IC0401	
1	3.2
2	0.1
3	0
4	3.1
5	3.3
Q0201	
E	3.6
C	7.7
B	4.3
Q0202	
E	8.5
C	4.7
B	7.7
Q0203	
E	0
C	1.8
B	0
Q0204	
E	5.4
C	0
B	4.7
Q0207	
E	2.4
C	0
B	1.8
Q0208	
E	1.7
C	8.9
B	2.4
Q0209	
1	2.4
2	0.1
3	2.4
4	2.4
5	0.1
6	2.4

[P.2-27,28]

MODE PIN NO.	DC (V)
Q1003	
E	1.3
C	2.4
B	1.9
Q1301	
E	3.6
C	8.9
B	4.2
Q1303	
E	2.4
C	0
B	1.8
Q1401	
E	3.7
C	8.9
B	4.3
Q1403	
E	2.5
C	0
B	1.8

[P.2-29,30]

MODE PIN NO.	DC (V)
IC2002	
1	3.3
2	0
3	0
4	1.9
5	3.3
6	0
7	0
8	4.8
Q2101	
E	1.0
C	0
B	0.2
Q2102	
E	1.4
C	0
B	0.6
CN005	
1	0
2	0
3	0
4	2.9
5	0
6	0
7	0
8	30.6
9	0
10	0
11	15.9
12	0
13	7.0
14	7.1
15	3.3
16	0
17	0
18	3.3
19	3.3
20	3.3
21	3.3
22	3.3
23	2.9
24	3.3
25	0
26	0
27	3.3
28	3.3
29	3.3
30	0.2
31	0
32	3.3
33	3.3
34	0
35	0
36	0
37	0
38	0
39	3.3
40	0
41	4.4
42	0
43	4.4
44	0
45	0.1
46	0
47	0.6
48	0
49	0
50	0
51	8.9
52	8.8
53	8.8
54	4.8
55	0
56	0
57	4.8
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	1.6
84	0
85	1.0
86	0
87	0
88	0
89	0
90	0
91	3.3
92	0
93	3.3
94	0
95	0
96	0
97	0
98	0
99	0
100	0
101	0
102	0
103	0
104	0
105	0
106	3.3
107	3.3
108	0
109	0.9
110	0

[P.2-31,32]

MODE PIN NO.	DC (V)
IC3403	
1	0
2	3.3
3	0
4	3.3
IC3501	
1	1.2
2	2.4
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.4
15	2.4
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.7
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.4
66	0
67	2.4
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.4
96	0
97	1.2
98	1.2
99	0
100	1.2
IC3502	
1	1.2
2	2.4
3	1.2
4	1.2
5	0
6	1.2
7	1.2
8	2.4
9	1.2
10	1.2
11	0
12	1.2
13	1.2
14	2.4
15	2.4
16	0
17	1.2
18	1.2
19	0
20	1.2
21	1.2
22	2.5
23	0.4
24	0.4
25	1.7
26	1.7
27	1.7
28	0
29	0.7
30	0.6
31	0.7
32	0.7
33	0.7
34	0.7
35	2.4
36	0.7
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0.7
46	0
47	0.7
48	0.7
49	0.7
50	0.7
51	0.7
52	0
53	1.7
54	1.3
55	1.2
56	0.4
57	0.4
58	1.2
59	2.5
60	1.2
61	1.2
62	0
63	1.2
64	1.2
65	2.5
66	0
67	2.4
68	1.2
69	1.2
70	0
71	1.2
72	1.2
73	2.4
74	1.2
75	1.2
76	0
77	1.2
78	1.2
79	2.5
80	1.2
81	1.2
82	0
83	1.2
84	1.2
85	0
86	2.5
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	1.2
95	2.5
96	2.5
97	1.2
98	1.2
99	0
100	0
IC3503	
1	0
2	2.5
3	1.2
4	1.2
5	2.4
6	2.4
7	2.4
8	1.2

[P.2-33,34]

MODE PIN NO.	DC (V)
IC4004	
1	0
2	0
3	0
4	0
5	3.3
6	3.3
7	0
8	3.3

[P.2-37,38]

MODE PIN NO.	DC (V)
IC6003	
1	0
2	3.4
3	5.9
4	0.2
5	0.2
6	-5.0
7	-5.3
8	-4.8
9	3.3
10	3.3
11	3.3
12	3.2
13	-5.3
14	0
15	3.2
16	3.3
IC6101	
1	3.3
2	2.7
3	3.1
4	3.3
5	0
6	0
7	3.3
8	3.3
9	1.9
10	0
11	3.3
12	3.3
13	3.3
14	3.3
15	3.2
16	0
17	0
18	3.3
19	2.7
20	0
21	3.0
22	3.0
23	3.3
24	3.0
25	3.0
26	0
27	3.0
28	3.0
29	3.3
30	3.0
31	3.0
32	0
33	3.3
34	0
35	0
36	1.3
37	0
38	0.4
39	0.6
40	0.6
41	0.7
42	0.6
43	0
44	1.4
45	0
46	0
47	0.4
48	0
49	3.3
50	0.7
51	0.6
52	0.6
53	0.6
54	1.2
55	0.4
56	0
57	1.1
58	0.2
59	0.4
60	0.5
61	0.7
62	0.6
63	0.6
64	0
IC6103	
1	3.3
2	3.3
3	3.3
4	0
Q6001	
E	0
C	0
B	0.7
Q6101	
S	3.3
D	3.3
G	4.8
Q6102	
S	3.3
D	3.2
G	4.8

[P.2-41,42]

MODE PIN NO.	DC (V)
IC7001	
1	3.3
2	0
3	3.3
4	0
5	0
6	0
7	3.3
8	3.3
9	3.3
10	3.3
11	3.3
12	0
13	0
14	3.3
15	0
16	3.3
17	3.3
18	0
19	0
20	3.3
21	3.3
22	3.3
23	1.5
24	1.5
25	0
26	0
27	0
28	0
29	0
30	0
31	0
32	3.2
33	0
34	3.3
35	0.2
36	0
37	0
38	3.3
39	0.2
40	0
41	0
42	0
43	0
44	0
45	0
46	3.3
47	3.3
48	0
49	3.3
50	2.1
51	3.3
52	3.3
53	0.3
54	3.3
55	3.3
56	3.3
57	3.3
58	3.3
59	3.3
60	3.3
61	0
62	3.3
63	0.2
64	0.2
65	0.2
66	3.3
67	3.3
68	3.3
69	0
70	3.3
71	3.3
72	0
73	3.3
74	0
75	3.3
76	0.5
77	0
78	0
79	0.2
80	0
81	0
82	0
83	3.3
84	3.4
85	3.4
86	3.3
87	0
88	0
89	3.2
90	3.2
91	0
92	0
93	3.3
94	0
95	0
96	3.3
97	0
98	0
99	0
100	2.4
IC7302	
1	4.8
2	0
3	4.8
4	4.8
5	3.9
6	3.9
7	2.1
8	4.8
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	3.3
19	3.3
20	4.8
IC7401	
1	3.3
2	3.3
3	0
4	0

[P.2-43,44]

MODE PIN NO.	DC (V)
IC9001	
1	7.2
2	17.9
3	2.4
4	0
5	1.2
6	1.4
7	5.0
8	0
IC9201	
1	6.4
2	17.9
3	1.5
4	0
5	1.2
6	1.2
7	4.8
8	0

<FRONT CONTROL PWB>
[P.2-45,46]

MODE PIN NO.	DC (V)
IC1001	
1	8.7
2	4.0
3	0.7
4	0.8
5	4.0
6	4.3
7	0
8	0
9	4.0
10	4.0
11	0.8
12	0.9
13	4.0
14	0
Q1201	
E	0
C	0
B	3.3
Q1205	
E	1.9
C	1.9
B	0
Q1206	
E	4.9
C	0
B	4.9
Q1209	
E	0
C	4.9
B	0

<REGULATOR PWB>
[P.2-47,48]

MODE PIN NO.	DC (V)
IC8831	
1	0
2	0
3	0
4	3.3
5	3.3
6	3.3
7	0
8	3.3
9	3.3
10	0
11	0
12	0
13	0
14	3.3
IC8832	
1	0
2	3.3
3	3.3
4	0
5	0
6	4.8
7	4.8
8	4.5
9	3.3
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	3.3
20	0
21	3.3
22	0
23	0
24	1.6
25	1.6
26	3.3
27	3.3
28	3.3
Q8831	
E	0
C	3.3
B	0
CN800M	
1	3.3
2	0
3	3.3
4	4.8
5	0
6	0
7	0
8	3.3
9	0
10	0
11	0
CN800L	
1	3.3
2	0
3	0
4	0
5	3.3
6	0
7	3.3
8	3.3
9	3.3
10	3.3
11	3.3
12	3.3

<SYSTEM POWER PWB>
[P.2-49,50]

MODE PIN NO.	DC (V)
IC 9001	
1	125.4
3	0
4	19.5
5	0.1
6	1.2
7	0.4
Q 9001	
E	0
C	3.2
B	0
Q 9002	
E	0
C	0
B	0.7
Q 9003	
E	0
C	0
B	0.7
Q 9004	
E	1.1
C	0
B	0.9
Q 9351	
E	10.9
C	16.1
B	11.5
Q 9352	
E	0
C	2.5
B	0
Q 9353	
E	0
C	0
B	0

VOLTAGE CHARTS [DISPLAY UNIT]

<DISPLAY INTERFACE PWB>
[P.2-51-P.2-52]

MODE PIN NO.	DC (V)
IC801	
1	5.0
2	0
3	3.3
IC802	
1	12.1
2	0
3	5.0
IC803	
1	0
2	4.9
3	7.7
4	0
5	0
6	-5.7
7	-5.8
8	-4.4
9	4.9
10	4.9
11	0
12	0
13	0
14	-0.1
15	4.9
16	5.0
IC805	
1	0
2	0
3	0
4	0
5	4.8
6	4.8
7	0
8	4.9
IC807	
1	0
2	1.8
3	5.0
4	2.5
5	0
6	3.2
7	4.9
8	0
9	0
10	2.4
11	2.5
12	4.8
13	0
14	0
15	0
16	0
17	4.9
18	0
19	0
20	4.9
21	4.9
22	0
23	4.7
24	4.9
25	4.7
26	4.3
27	2.9
28	4.6
29	4.6
30	0
31	0
32	0
33	0
34	0
35	4.7
36	0
37	3.9
38	0
39	4.7
40	4.9
41	4.7
42	4.8
43	4.7
44	0
45	2.1
46	0
47	4.9
48	0
49	4.9
50	4.9
51	4.9
52	3.8
53	4.8
54	1.1
55	0
56	4.8
57	4.9
58	4.7
59	0
60	0
61	4.7
62	1.5
63	4.7
64	4.7
IC809	
1	4.9
2	5.0
3	0
4	0
Q803	
E	4.9
C	4.7
B	4.3
Q804	
E	0
C	0
B	0.6
Q805	
S	3.3
D	3.1
G	4.8
Q806	
S	3.3
D	3.3
G	4.8
Q807	
E	4.9
C	4.8
B	4.3
Q808	
E	0
C	5.0
B	0
Q811	
E	3.8
C	4.9
B	4.4
Q812	
E	0
C	4.9
B	0
Q813	
E	0
C	4.6
B	-0.2

[P.2-53,54]

MODE PIN NO.	DC (V)
IC501	
1	3.3
2	3.3
3	3.2
4	0
5	0
6	3.3
7	0
8	3.2
9	3.2
10	1.0
11	1.0
12	1.0
13	0.7
14	0.8
15	0.7
16	0.6
17	1.4
18	3.3
19	0
20	0.9
21	0.9
22	1.0
23	1.0
24	0.7
25	0.3
26	0.3
27	1.5
28	0
29	0
30	0.9
31	0.9
32	1.0
33	0.8
34	0.9
35	0
36	0.2
37	1.5
38	3.3
39	0
40	0.3
41	3.2
42	0
43	3.2
44	1.5
45	0
46	2.8
47	0
48	3.3
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	3.2
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	3.3
79	0
80	3.0
81	3.0
82	3.3
83	0
84	3.3
85	3.0
86	3.0
87	0
88	3.3
89	0
90	3.0
91	3.0
92	0
93	3.3
94	3.1
95	3.3
96	3.0
97	0
98	0
99	3.3
100	3.2
IC502	
1	3.3
2	3.3
3	0
4	0
IC601	
1	3.3
2	0.9
3	1.5
4	1.0
5	0
6	0.9
7	0
8	0
9	3.3
10	0.9
11	0.3
12	0.3
13	0
14	1.5
15	1.0
16	0.9
17	0
18	1.0
19	0.7
20	0.8
21	0
22	0.6
23	0.6
24	1.5
25	1.6
26	3.3
27	3.2
28	3.2
29	0
30	2.7
31	1.5
32	3.3
33	0
34	3.2
35	0
36	0
37	1.2
38	1.2
39	1.2
40	1.2
41	1.2
42	1.2
43	0
44	3.3
45	1.1
46	1.3
47	1.1
48	1.3
49	0
50	1.0
51	0.9
52	0.8
53	0
54	0.8
55	0.6
56	0.2
IC602	
1	3.3
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	3.3
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	1.6
26	3.2
27	3.3
28	3.2
29	0
30	2.8
31	1.5
32	3.3
33	0
34	3.3
35	0
36	0
37	0
38	0
39	1.4
40	0
41	1.1
42	1.3
43	0
44	0
45	0
46	2.5
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
Q501	
E	0
C	3.2
B	0
Q703	
S	3.3
D	3.1
G	4.8
Q704	
S	3.3
D	3.2
G	4.8
CN0AH1	
1	0
2	1.3
3	1.0
4	1.2
5	1.1
6	0
7	1.2
8	0.1
9	1.2
10	1.2
11	1.2
12	1.2
13	0
14	0
15	2.8
16	0.2
17	2.8
18	0.2
19	0
20	1.3
21	1.1
22	1.2
23	1.3
24	1.4
25	0.9
26	0
27	3.3
28	3.3
29	3.0
30	0
31	0

[P.2-55,56]

MODE PIN NO.	DC (V)
IC101	
1	15.9
2	3.3
3	0
4	1.2
5	6.2
IC102	
1	15.9
2	0
3	12.1
IC401	
1	15.2
2	15.2
3	10.7
4	2.5
5	0
Q410	
E	0
C	4.8
B	0.3

<AUDIO PAB>
[P.2-57,58]

MODE PIN NO.	DC (V)
IC6521	
1	6.0
2	6.1
3	6.1
4	6.1
5	6.1
6	6.1
7	6.1
8	6.1
9	0.9
10	9.1
11	0
12	4.5
13	4.3
14	0
15	0
16	12.1
17	0
18	0
19	5.8
20	5.9
21	6.1
22	6.1
23	6.1
24	6.1
25	6.1
26	6.1
27	6.1
28	6.1
29	6.1
30	6.0
IC6551	
1	6.0
2	6.2
3	6.1
4	0
5	6.1
6	6.2
7	6.0
8	12.0
IC6552	
1	6.0
2	6.0
3	6.2
4	0
5	6.2
6	6.1
7	6.1
8	12.1
IC6571	
1	6.0
2	6.0
3	6.2
4	0
5	6.1
6	6.0
7	6.0
8	12.1
IC6572	
1	6.0
2	6.0
3	6.1
4	0
5	6.1
6	6.0
7	6.0
8	12.1
IC6621	
1	0
2	0
3	10.3
4	4.1
5	10.2
6	13.4
7	3.4
8	0
9	3.4
10	10.0
11	2.7
12	2.8
13	0
14	2.8
15	2.6
16	6.6
17	3.4
18	0
19	3.4
20	13.4
21	10.2
22	4.2
23	10.2
24	0
25	1.0
Q6521	
E	0
C	0
B	-0.1
Q6522	
E	0
C	0
B	-0.1
Q6523	
E	0
C	-0.1
B	0
Q6531	
E	0
C	2.8
B	0
Q6532	
E	0
C	0
B	0.6
Q6533	
E	0
C	0
B	0.6
Q6534	
E	0.7
C	0.6
B	0.1
Q6535	
E	0
C	0
B	-0.2
Q6536	
E	0
C	0
B	-0.2
Q6642	
E	4.5
C	0
B	4.9
Q6643	
E	0
C	4.2
B	0

<TEMP. SENSOR PWB>
[P.2-59]

MODE PIN NO.	DC (V)
IC8101	
1	5.0
2	5.0
3	0
4	0
5	0
6	0
7	0
8	5.0

<DISPLAY LED PWB>
[P.2-60]

MODE PIN NO.	DC (V)
IC1741	
1	0
2	0
3	4.4
4	5.1
IC1742	
1	4.9
2	5.0
3	0
Q1741	
E	1.9
C	1.9
B	4.9
Q1742	
E	0
C	5.0
B	0

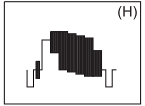
<DISPLAY SUB POWER>
[P2-65,66]

MODE PIN NO.	DC (V)
IC9001	
1	364.3
3	-0.1
4	0
5	-0.1
6	-0.1
7	-0.1
IC9051	
1	2.3
2	0
3	9.4

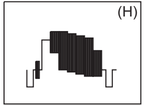
WAVEFORMS

[RECEIVER UNIT]

RECEIVER PWB
(SHEET1)

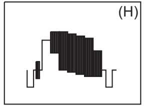
TU3001-24


0.9 Vp-p

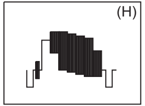
TU3101-16


0.9 Vp-p

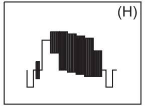
ANALOG SIGNAL PWB (1/5)
(SHEET2)

IC501-41


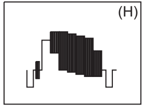
2.0 Vp-p

IC501-44


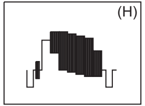
2.0 Vp-p

IC501-49


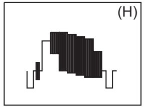
2.0 Vp-p

IC501-53


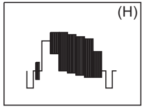
2.0 Vp-p

IC501-56


2.0 Vp-p

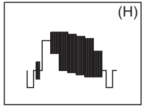
IC501-60


0.9 Vp-p

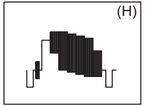
IC501-63


0.9 Vp-p

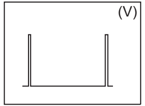
ANALOG SIGNAL PWB (2/5)
(SHEET3)

IC801-1


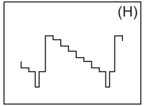
0.9 Vp-p

IC801-3


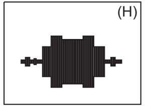
2.0 Vp-p

IC801-4


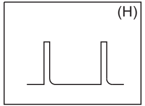
4.8 Vp-p

IC801-5


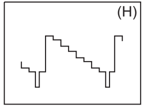
0.8 Vp-p

IC801-7


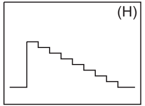
0.5 Vp-p

IC801-9


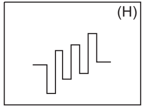
4.2 Vp-p

IC801-11


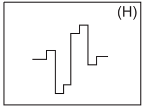
0.8 Vp-p

IC801-21


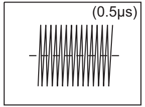
0.6 Vp-p

IC801-22


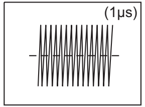
0.5 Vp-p

IC801-23


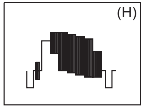
0.5 Vp-p

IC801-38


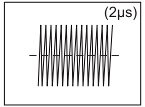
0.3 Vp-p

IC801-46


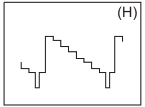
0.8 Vp-p

IC802-7


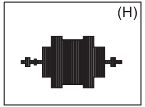
0.9 Vp-p

IC802-19


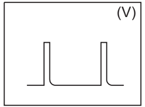
0.5 Vp-p

IC802-25


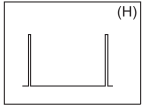
1.6 Vp-p

IC802-27


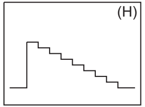
0.8 Vp-p

CN002-5


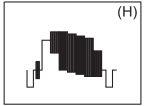
3.0 Vp-p

CN002-6


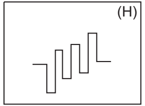
3.2 Vp-p

CN002-8


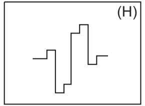
0.7 Vp-p

CN002-10


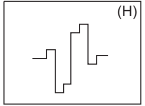
2.0 Vp-p

CN002-20


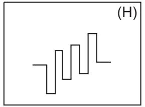
0.6 Vp-p

CN002-22


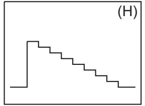
0.6 Vp-p

CN002-26


0.9 Vp-p

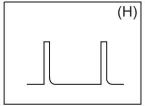
CN002-28


0.9 Vp-p

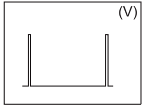
CN002-30


1.2 Vp-p

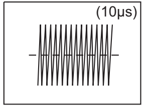
ANALOG SIGNAL PWB (3/5)
(SHEET4)

IC201-1


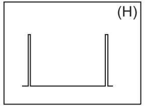
4.5 Vp-p

IC201-2


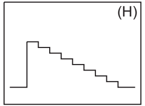
5.0 Vp-p

IC201-9


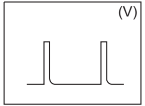
0.2 Vp-p

IC201-19


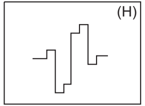
3.2 Vp-p

IC201-26


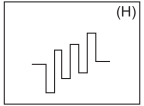
0.4 Vp-p

IC201-29


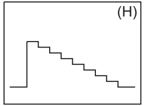
3.0 Vp-p

IC301-35


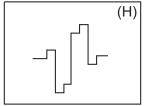
0.9 Vp-p

IC301-36


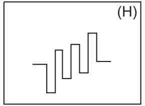
0.9 Vp-p

IC301-38


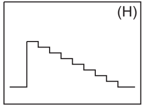
1.2 Vp-p

IC301-43


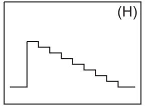
0.6 Vp-p

IC301-44


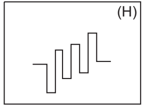
0.6 Vp-p

IC301-46


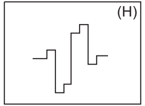
0.7 Vp-p

IC301-74


0.6 Vp-p

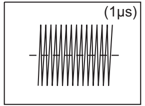
IC301-75


0.5 Vp-p

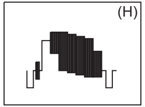
IC301-76


0.5 Vp-p

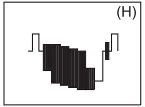
DIGITAL SIGNAL PWB (1/11)
(SHEET8)

IC1531-13


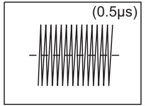
3.4 Vp-p

IC1531-22


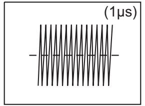
0.3 Vp-p

IC1531-23


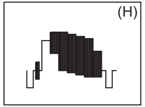
0.3 Vp-p

IC1531-28


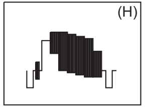
4.5 Vp-p

IC1531-30


1.5 Vp-p

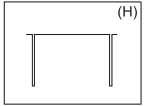
IC1531-79


0.8 Vp-p

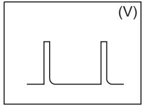
IC1532-1


2.6 Vp-p

DIGITAL SIGNAL PWB (8/11)
(SHEET15)

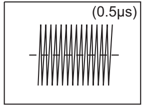
IC6101-4


3.2 Vp-p

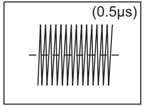
IC6101-5


3.0 Vp-p

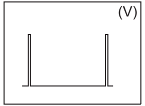
DIGITAL SIGNAL PWB (10/11)
(SHEET17)

IC7001-23


2.2 Vp-p

IC7001-24


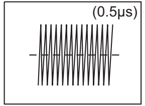
4.2 Vp-p

IC7001-78


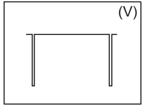
3.2 Vp-p

[DISPLAY UNIT]

DISPLAY INTERFACE PWB (1/3)
(SHEET23)

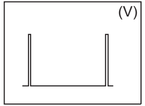
IC807-10


1.2 Vp-p

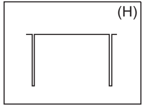
IC807-53


4.8 Vp-p

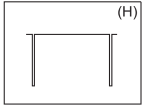
DISPLAY INTERFACE PWB (2/3)
(SHEET24)

IC501-47


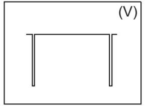
3.2 Vp-p

IC501-48


3.2 Vp-p

IC601-27


3.2 Vp-p

IC601-28


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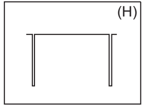

3.2 Vp-p

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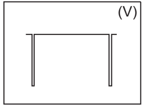

3.2 Vp-p

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